NSSDC/WDC-A-R&S 94-08

Interplanetary Medium Data Book

Supplement 5, 1988-1993

by

Joseph H. King

and

Natalia E. Papitashvili

September 1994

National Space Science Data Center (NSSDC)/
World Data Center-A for Rockets and Satellites (WDC-A-R&S)
National Aeronautics and Space Administration (NASA)
Goddard Space Flight Center
Greenbelt, Maryland 20771

Introduction

This publication represents an extension of the series of *Interplanetary Medium Data Books* and supplements that have been issued by the National Space Science Data Center since 1977. This volume contains solar wind magnetic field (IMF) and plasma data from the IMP 8 spacecraft for 1988 through the end of 1993. The normalization of the MIT plasma density and temperature, which has been discussed at length in previous volumes, is implemented as before, using the same normalization constants for 1988-1993 data as for the earlier data.

Owing to a combination of non-continuity of IMP 8 telemetry acquisition and IMP's being out of the solar wind for about 40% of its orbit, the annual solar wind coverage for 1988-1993 is 40±5%.

The plots and listings of this supplement are in essentially the same format as in previous supplements. Days for which neither IMF nor plasma data were available for any hours are omitted from the listings.

Alternative Forms of Data Availability

The OMNI data set from which this data book supplement was generated contains in addition to the parameters herein variances in these parameter averages, solar wind flow direction angles, proton fluxes above 1, 2, 4, 10, 30, and 60 MeV, Kp, C9, and Dst geomagnetic activity indices, and the sunspot number. The OMNI data set is available in a variety of formats as follows:

1. Requesters can obtain this paper supplement and its predecessors through NSSDC's Coordinated Request and User Support Office (CRUSO). CRUSO may be reached over Internet at REQUEST@NSSDCA.GSFC.NASA.GOV, over DECnet at NSSDCA::REQUEST, by telephone at (301) 286-6695, by FAX at (301) 286-1771, or by mail at Code 633.4, GSFC, Greenbelt, Maryland 20771.

2. The on-line "OMNIfile" currently has the 1973-1993 portion of the overall OMNI data set, which starts in November 1963. To access via NSSDC's On-Line Data and Information System (NODIS), users can type TELNET NSSDCA@GSFC.NASA.GOV (or SET HOST NSSDCA on DECnet) with USERNAME=NODIS; users should then follow the prompts and menus. Users should note that the OMNIfile is down the "space physics path" from the top NODIS menu.

3. The same OMNIfile is also accessible through NSSDC's World Wide Web home page from URL=HTTP://NSSDC.GSFC.NASA.GOV/NSSDC/NSSDC_HOME.HTML and from the Space Physics page from URL=HTTP://NSSDC.GSFC.NASA.GOV/SPACE/SPACE_PHYSICS_HOME.HTML. The earliest interface will merely lead users into NODIS/OMNI (See #2 above.); subsequent interfaces will bypass NODIS.

4. The OMNI data set is available on magnetic tape, long referred to as the OMNItape. Users can contact CRUSO for further information or to order a copy in binary or ASCII form.

5. Many months ago, NSSDC issued a CD-ROM (the "heliospheric CD-ROM") containing the OMNI data for 1963-1991 plus hourly field and plasma data from the deep-space Voyager, Pioneer, and Helios spacecraft; five-minute IMP 8 field and plasma data; and ISEE 3 five-minute IMF data. This CD-ROM and accompanying MS-DOS software are available at nominal cost by contacting CRUSO.

PRECEDING PAGE BLANK NOT FILMED

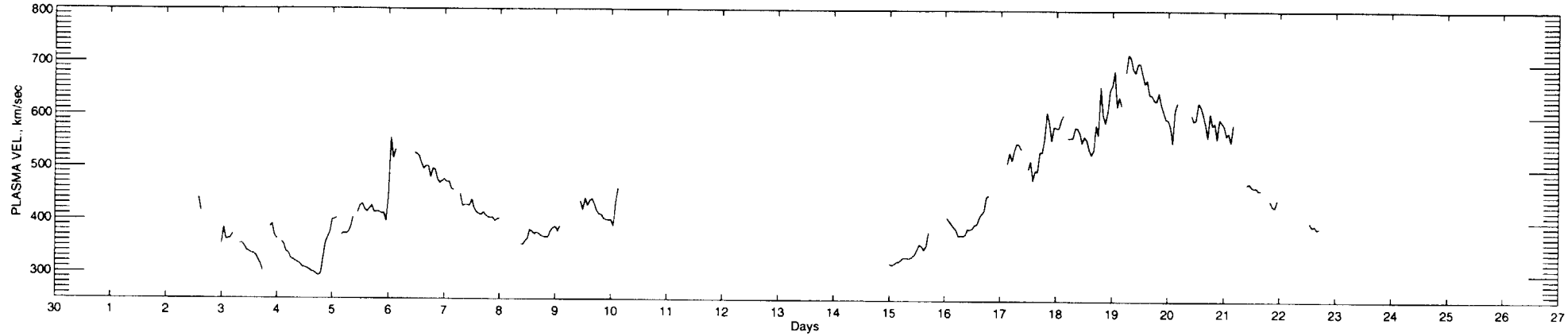
In addition, NSSDC has brought much of the higher resolution data whose hourly averages constitute the OMNI data set to network accessibility on its optical disk jukeboxes (NSSDC Data Archive and Distribution Service or NDADS). Included are IMP 8 15.36-second magnetometer data for 1973-1991, IMP 8 one-minute magnetometer data for 1991-1993, and IMP 8 (LANL) two-minute solar wind plasma parameter data for 1973-1992. These holdings will be updated as later data become available. Also included on NDADS are one-minute ISEE 3/ICE IMF data from 1978 to 1987. Access to these data is by E-mail with information files E-mailed to the requester and data files staged to magnetic disk for FTP downloading. To start, send E-mail to ARCHIVES@NDADSA.GSFC.NASA.GOV (or NDADSA::ARCHIVES on DECnet) with SUBJ line as SUBJ: HOLDINGS IMP8 (or HOLDINGS ISEE3) for information on the data and how to proceed further.

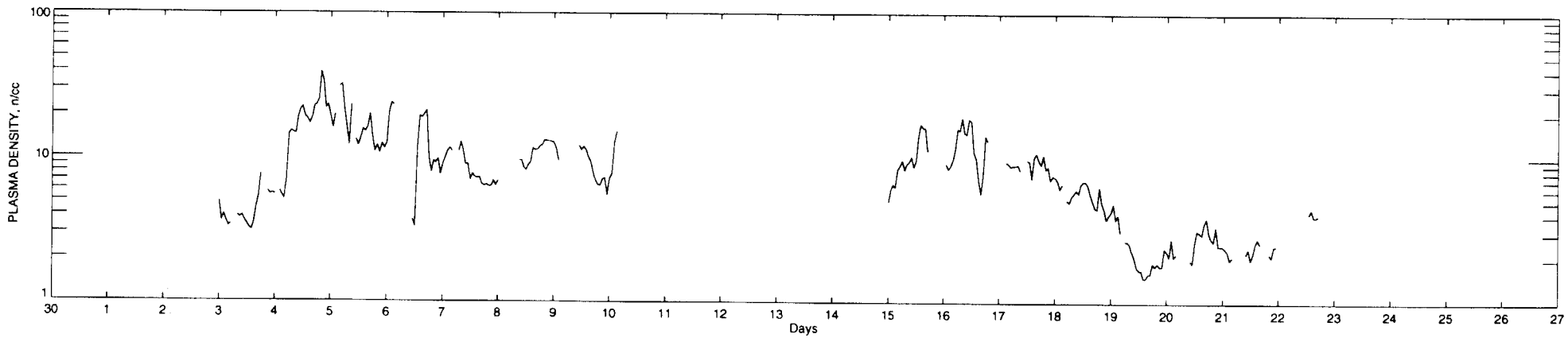
Acknowledgment

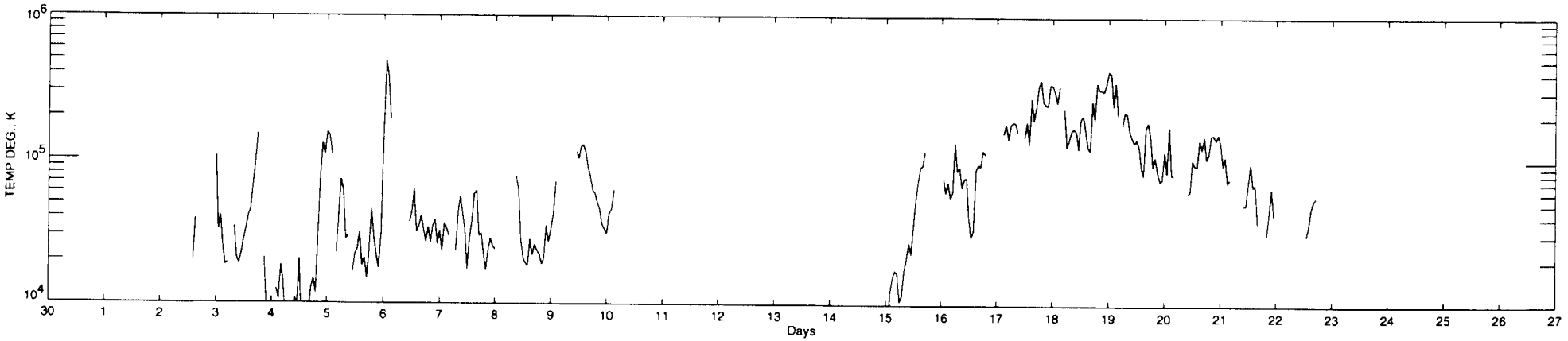
The IMP 8 magnetic field and plasma data were provided by Drs. Ron Lepping/GSFC and Al Lazarus/MIT, respectively. We thank these individuals for their contributions to this data book supplement. The plots and listings were prepared by Dr. Natalia Papitashvili of NSSDC (on leave from World Data Center B2, Moscow).

Plots

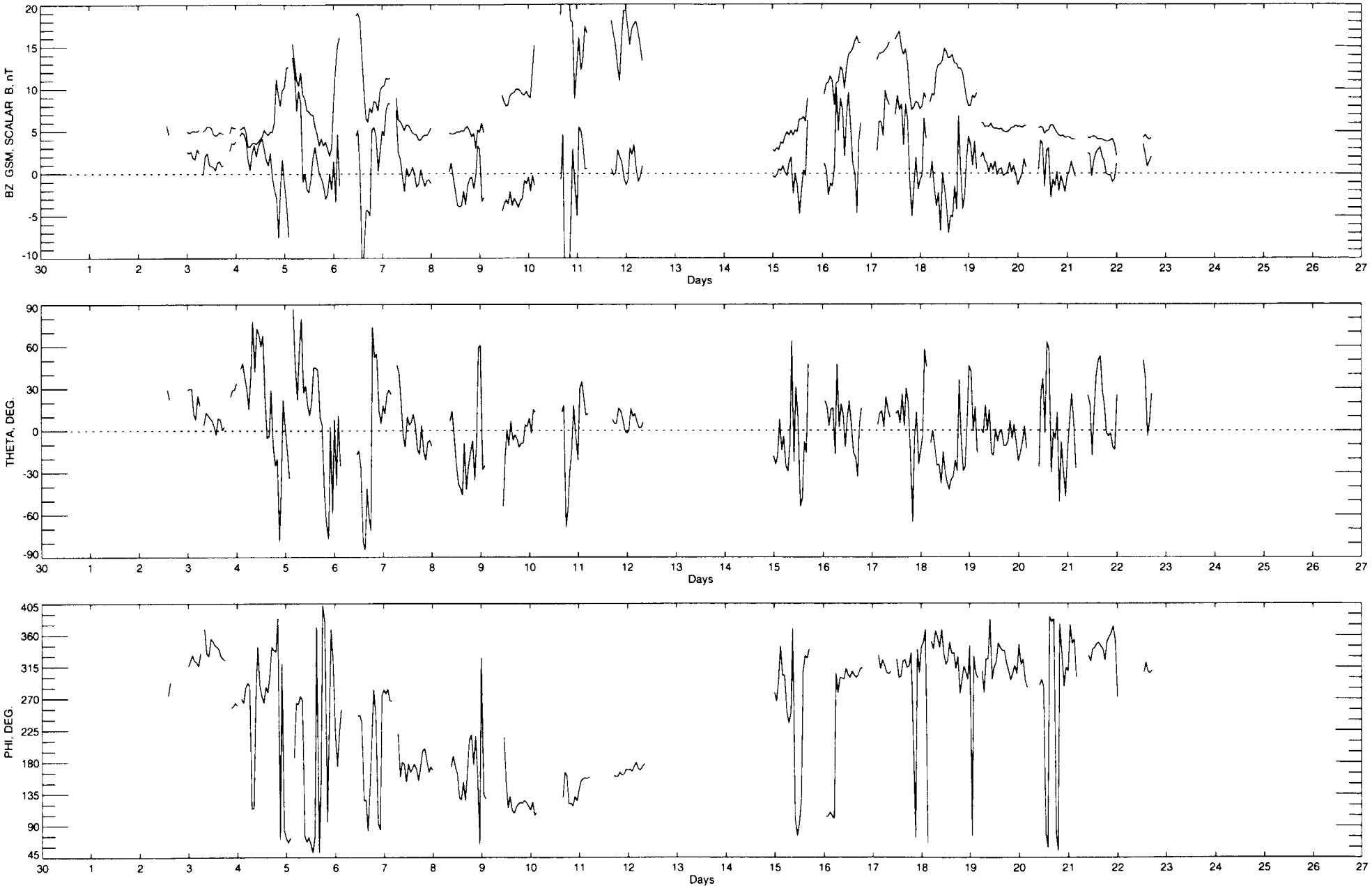
Time span: 88- 9-30 - 88-10-26



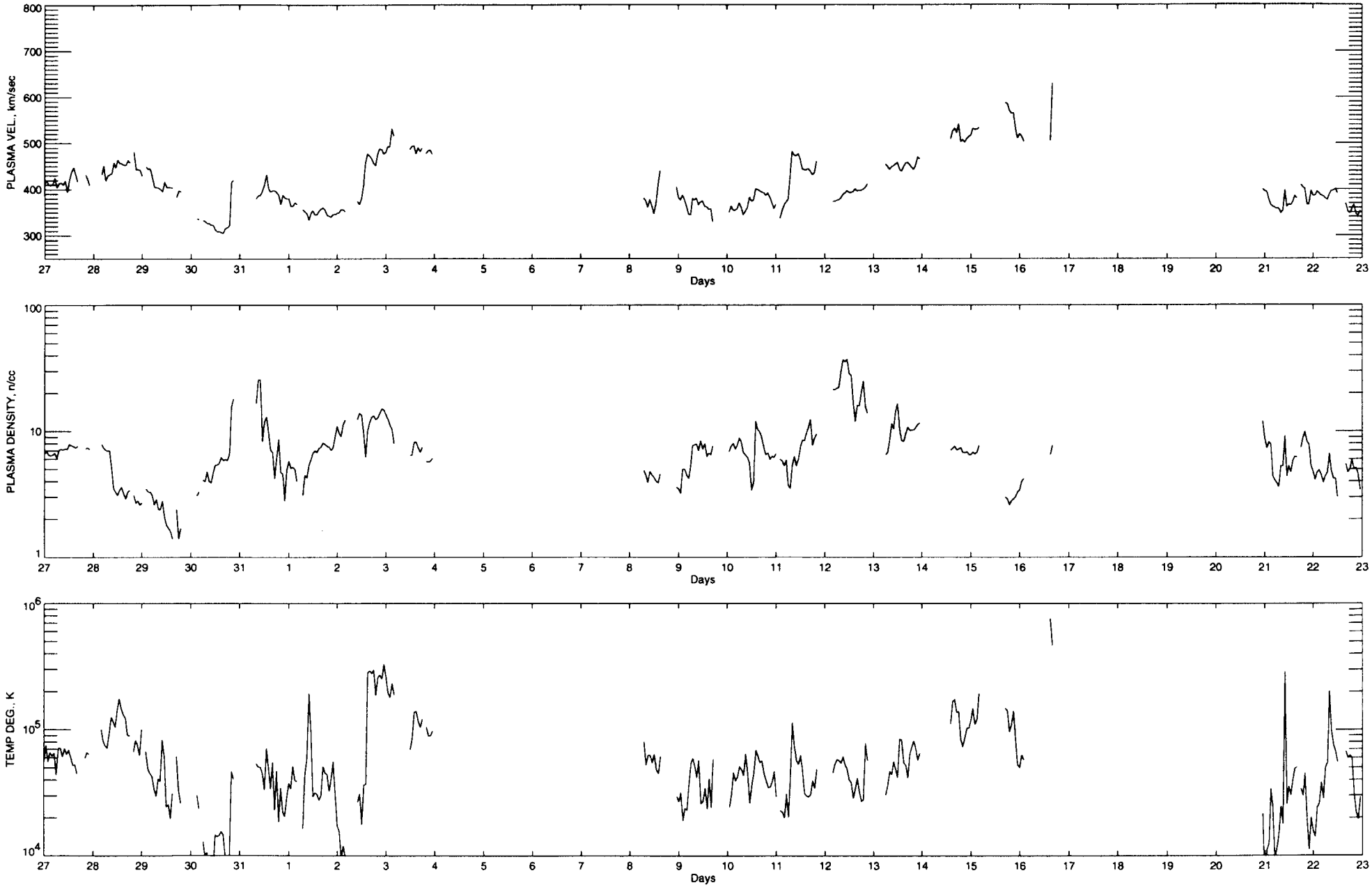


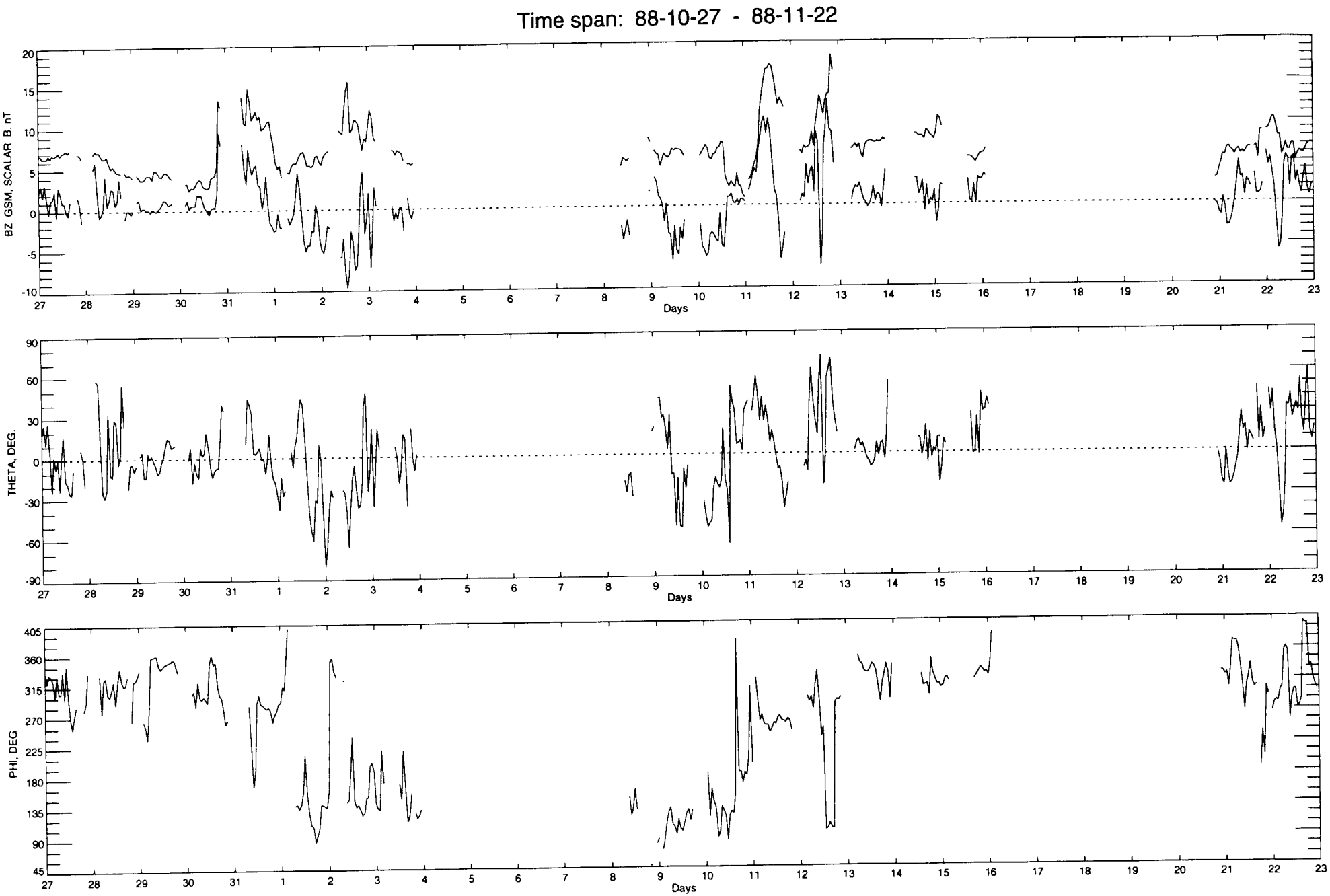


Time span: 88- 9-30 - 88-10-26

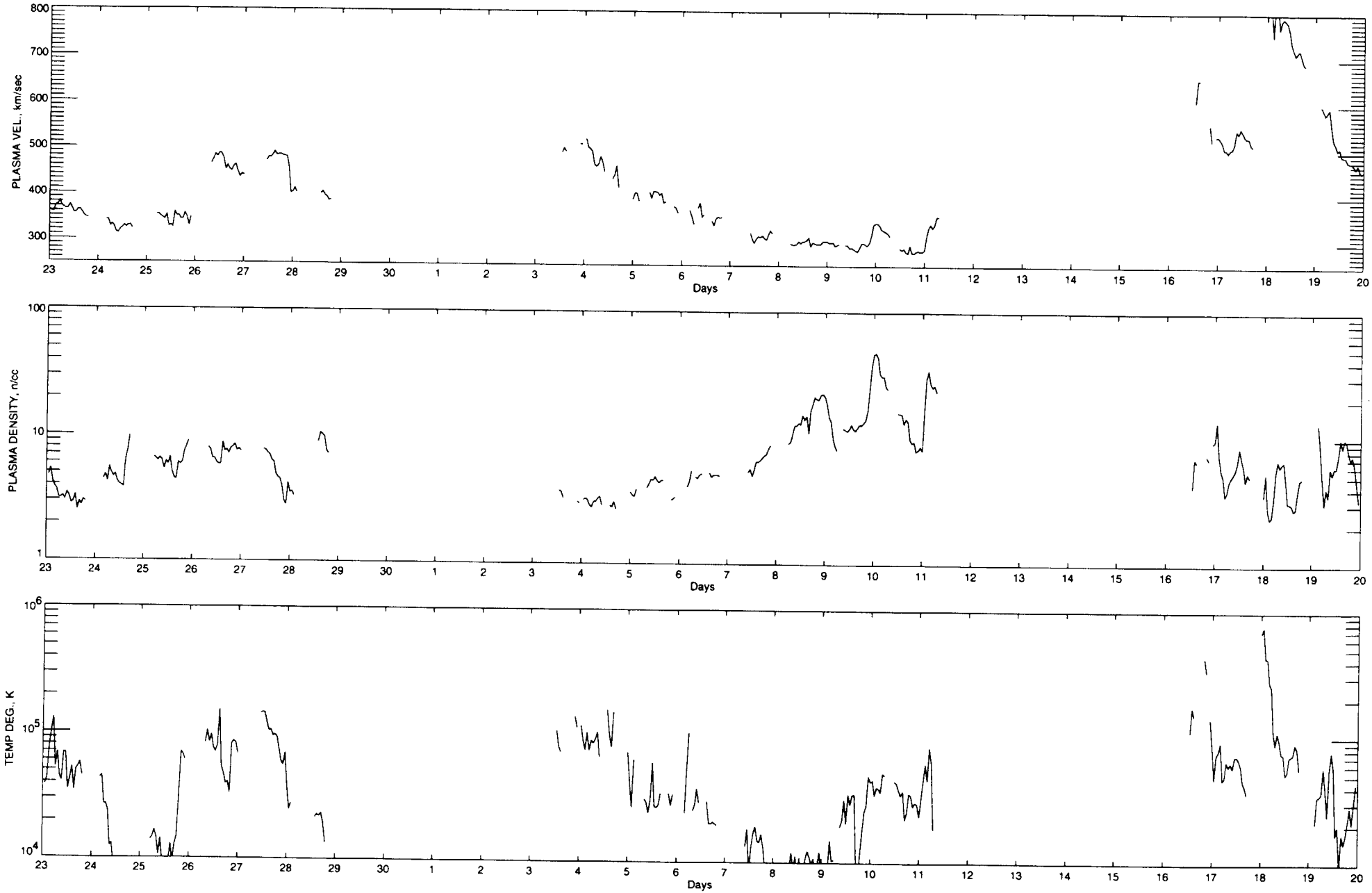


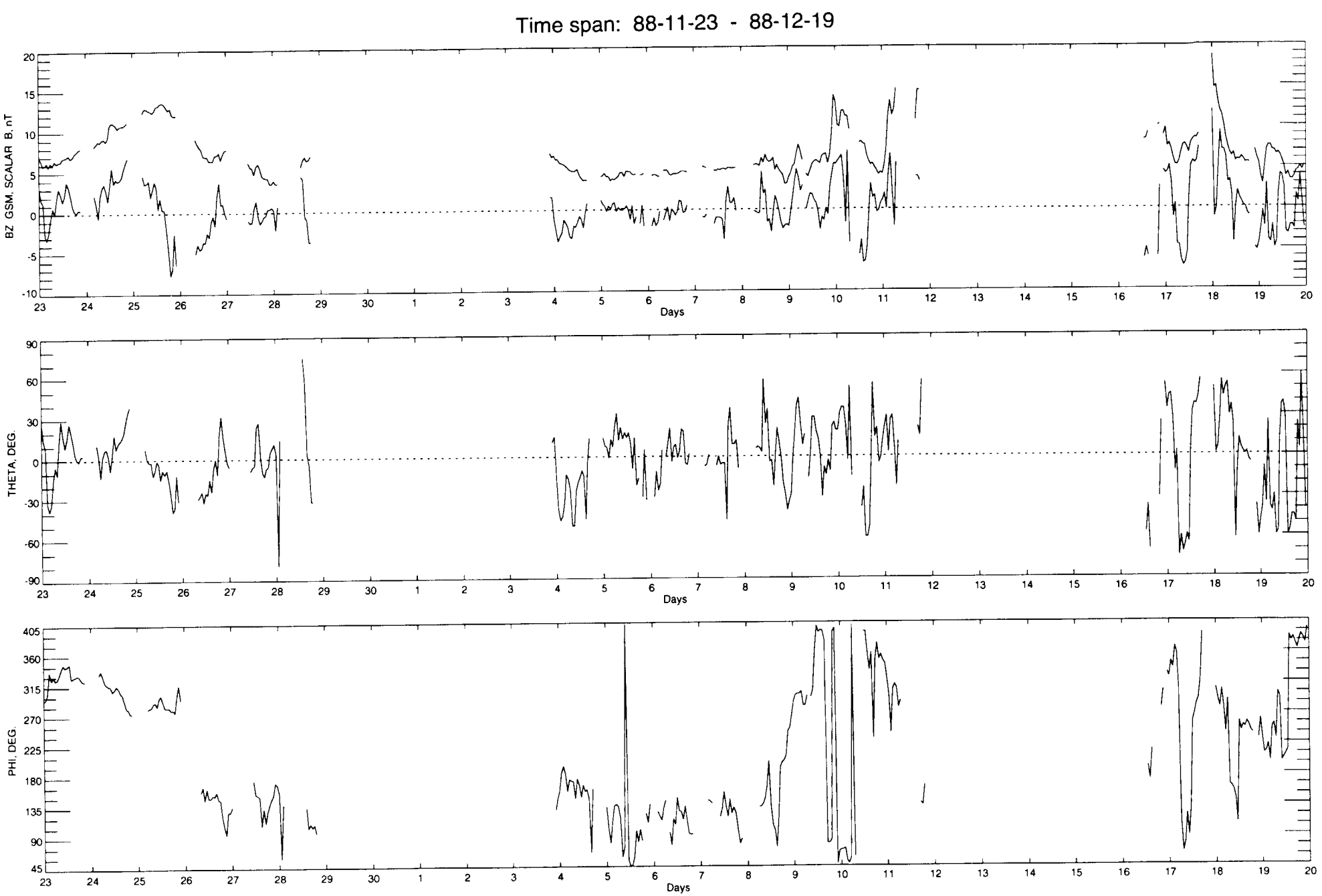
Time span: 88-10-27 - 88-11-22



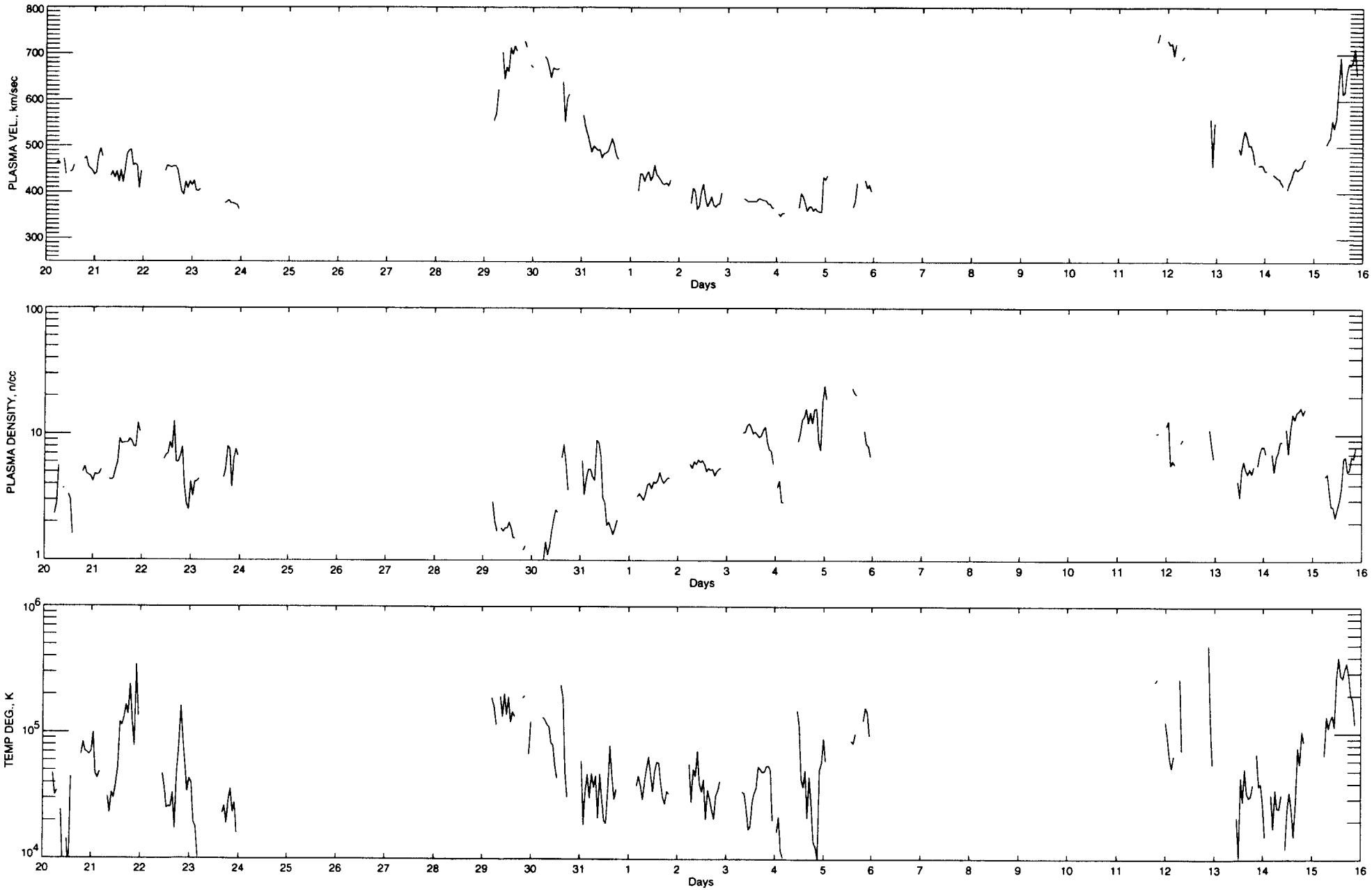

Time span: 88-10-27 - 88-11-22
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG
Days

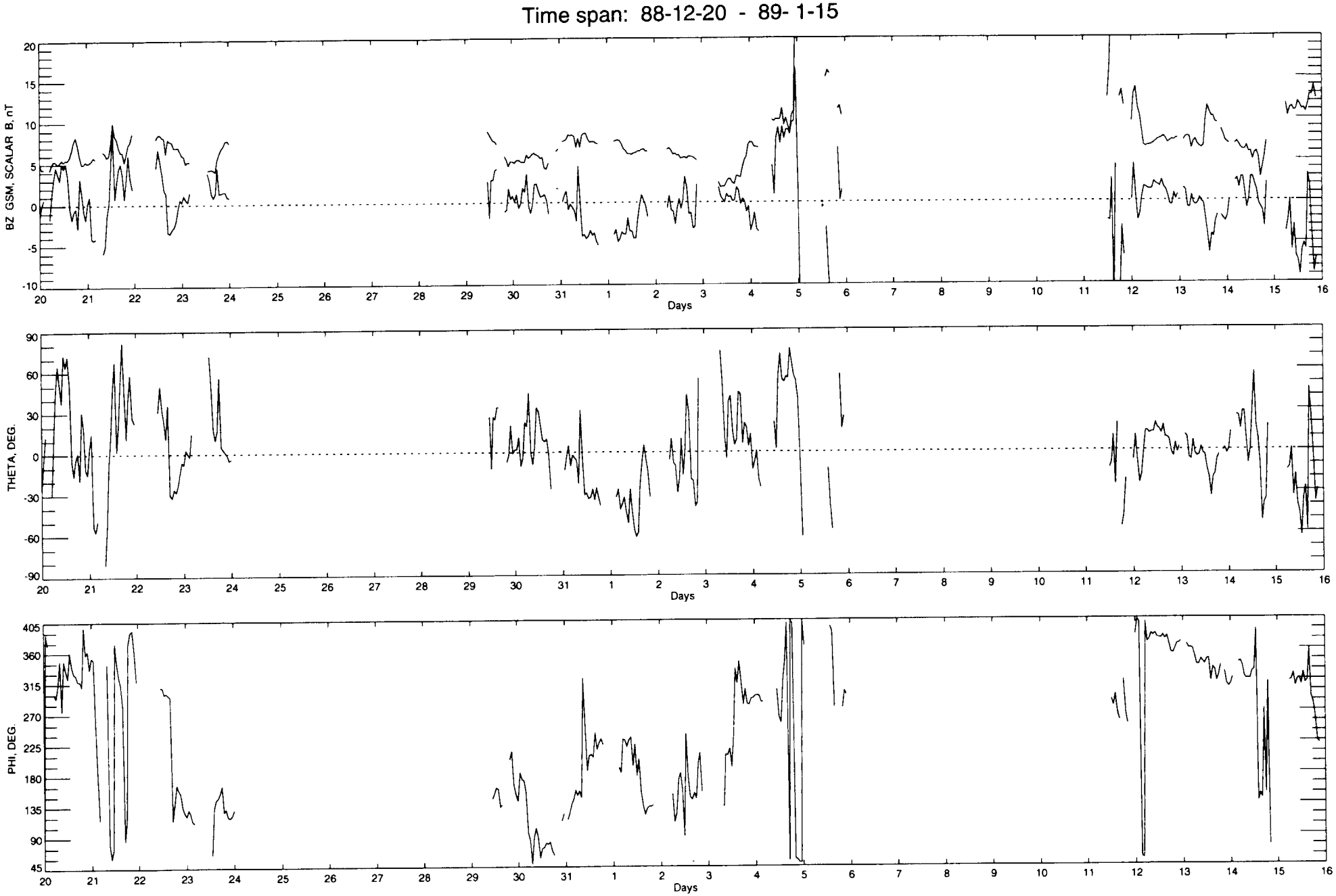
Time span: 88-11-23 - 88-12-19



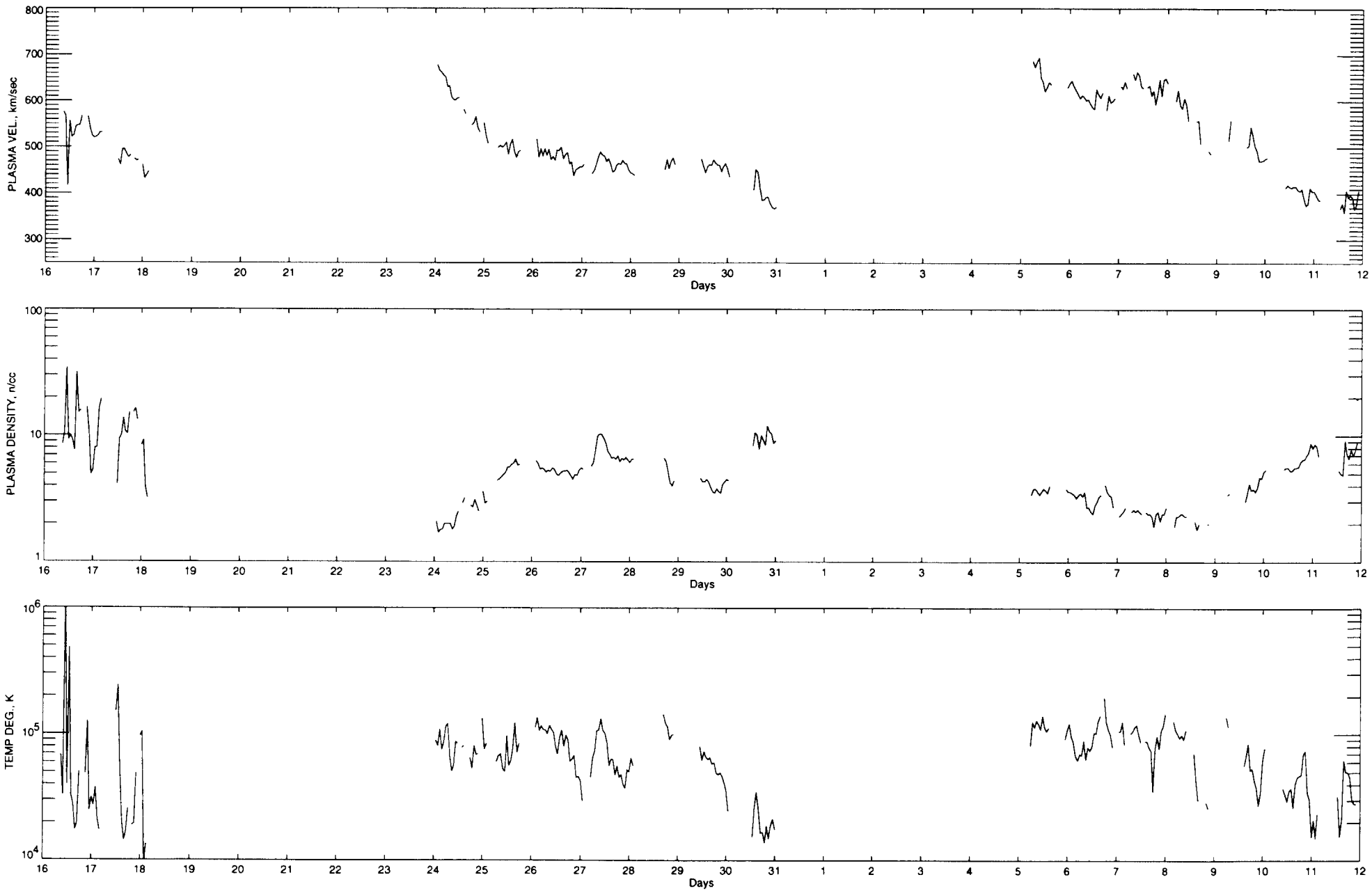

Time span: 88-11-23 - 88-12-19
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days
23 24 25 26 27 28 29 30 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

Time span: 88-12-20 - 89- 1-15

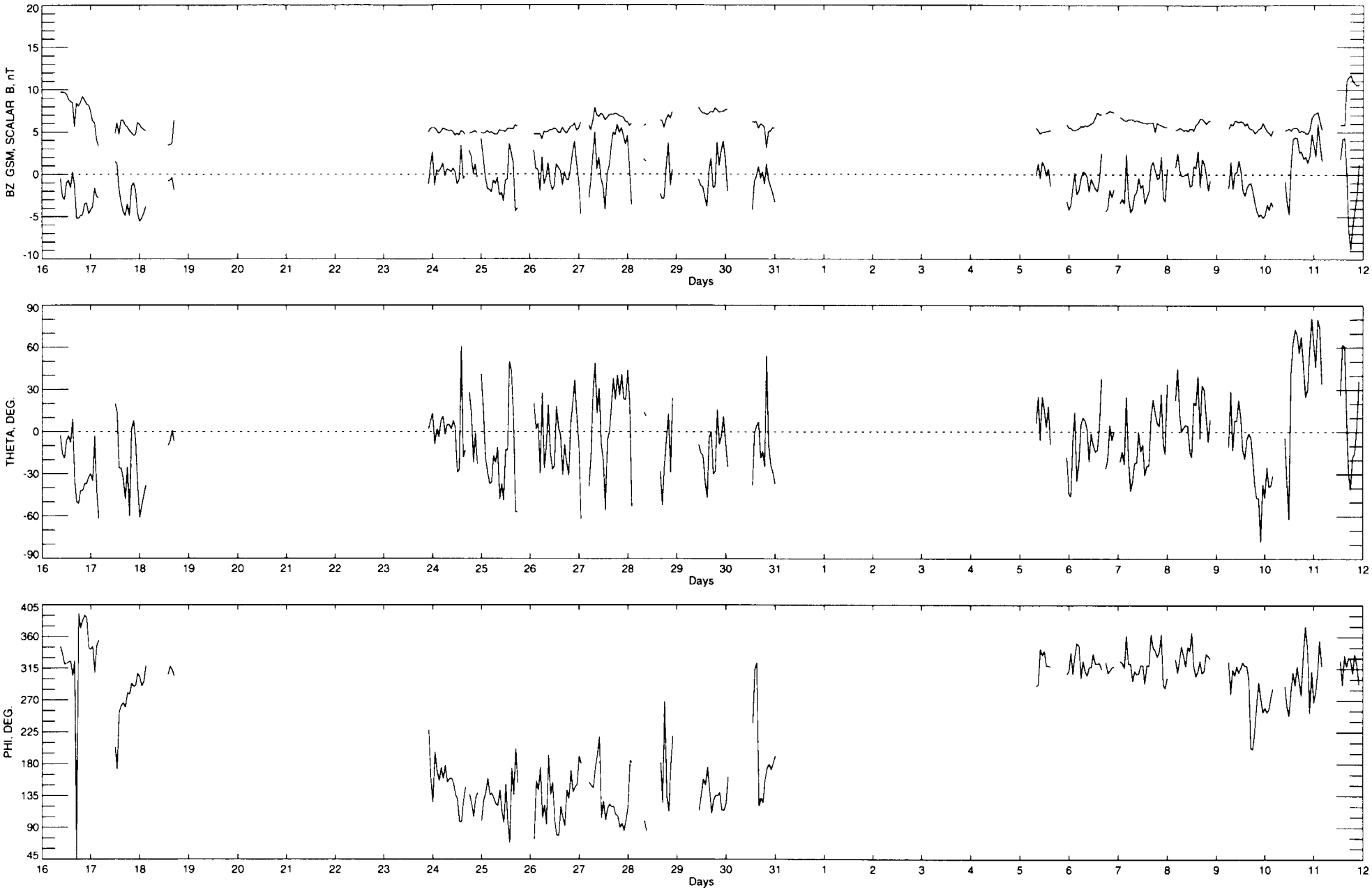



Time span: 88-12-20 - 89- 1-15
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days
Days
Days

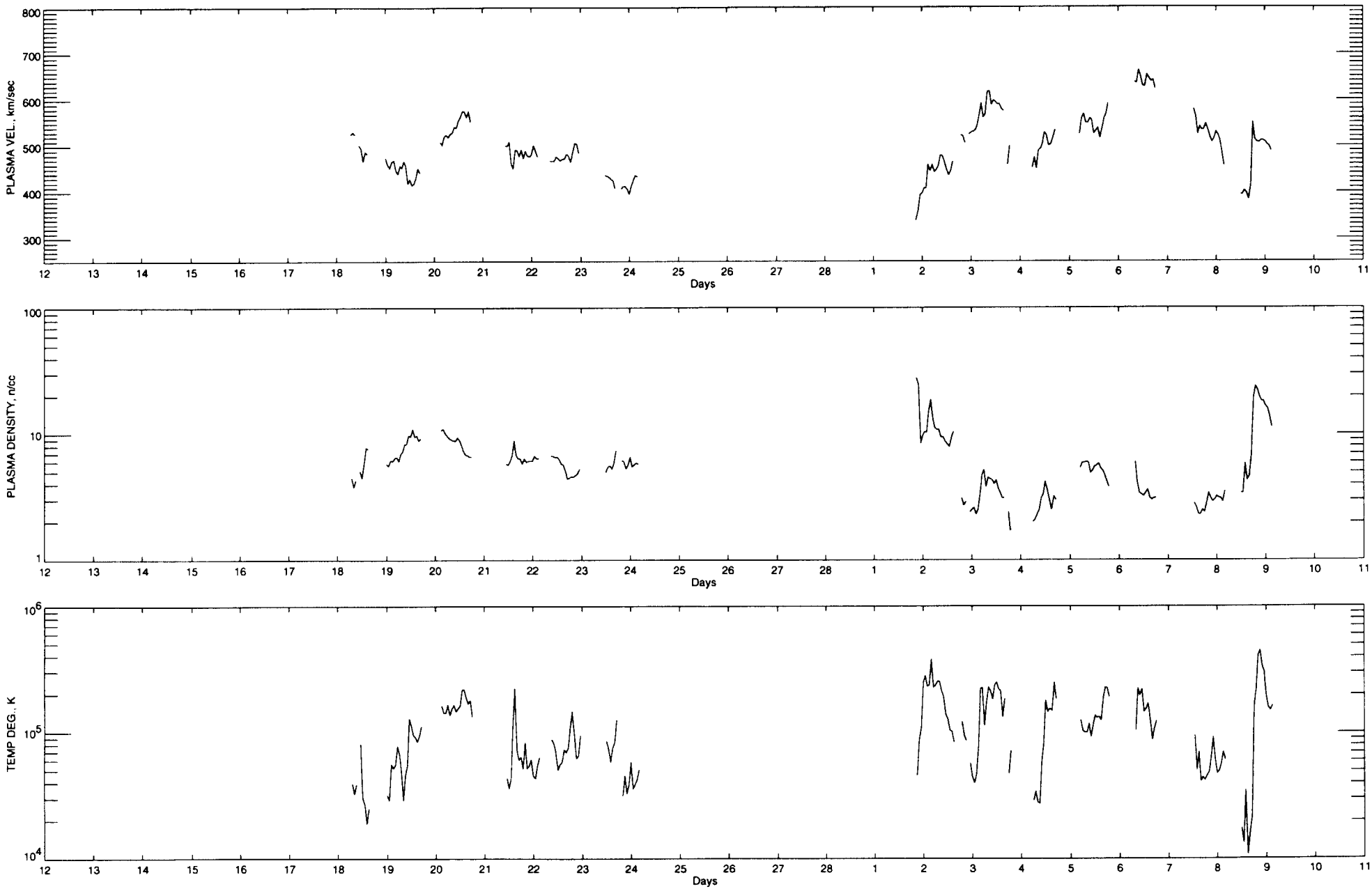
Time span: 89- 1-16 - 89- 2-11

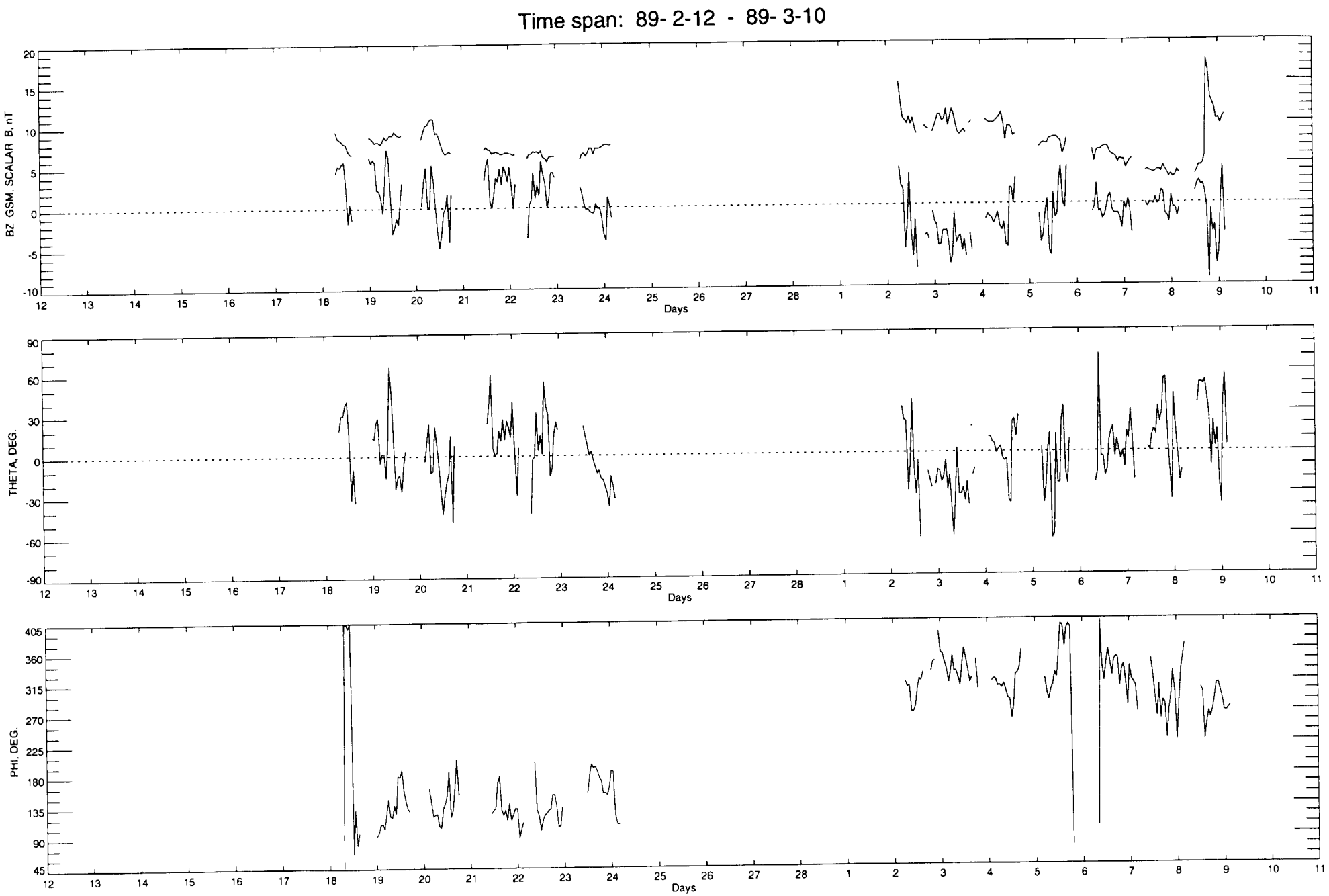


Time span: 89- 1-16 - 89- 2-11

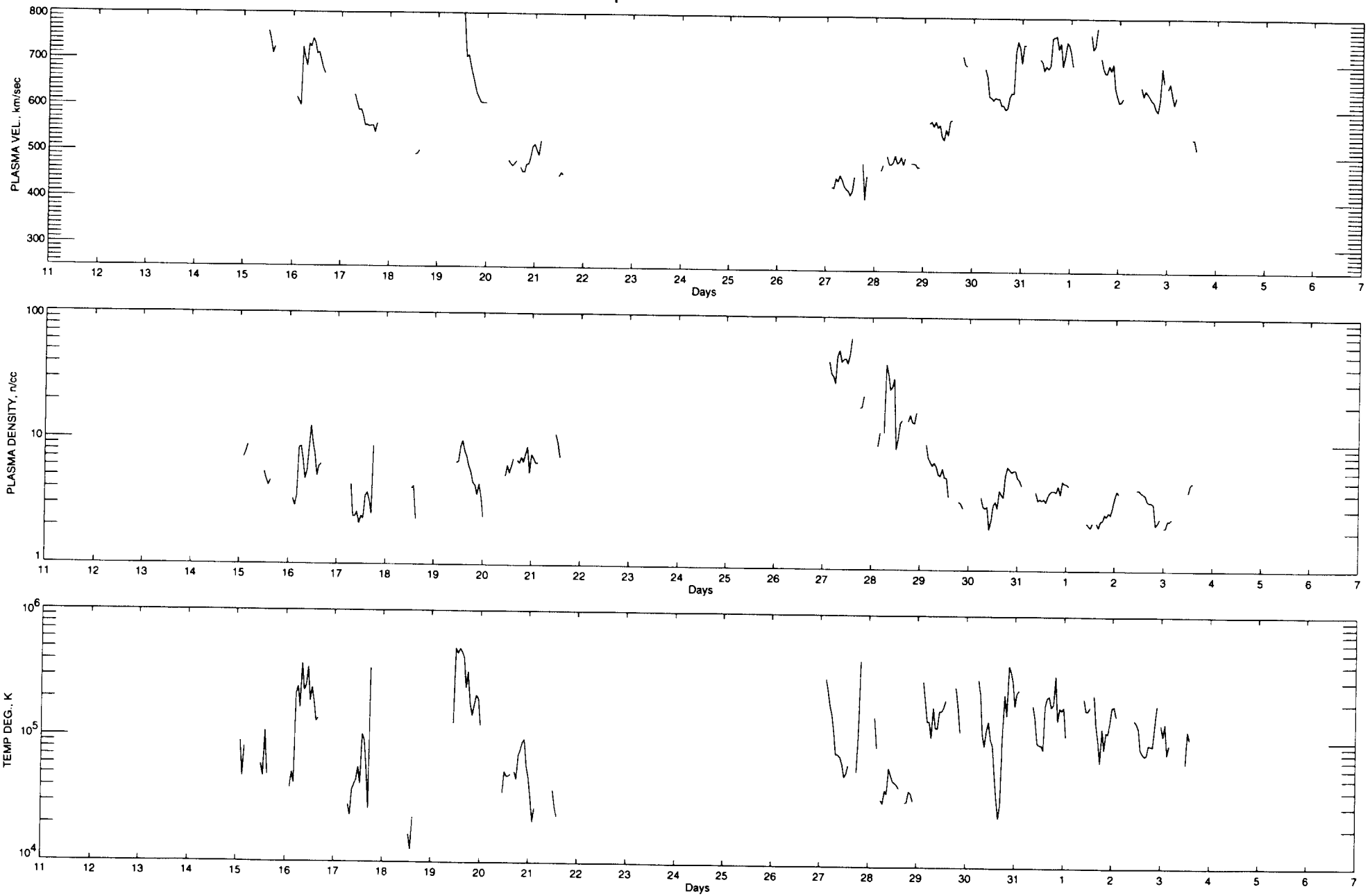


Time span: 89- 2-12 - 89- 3-10

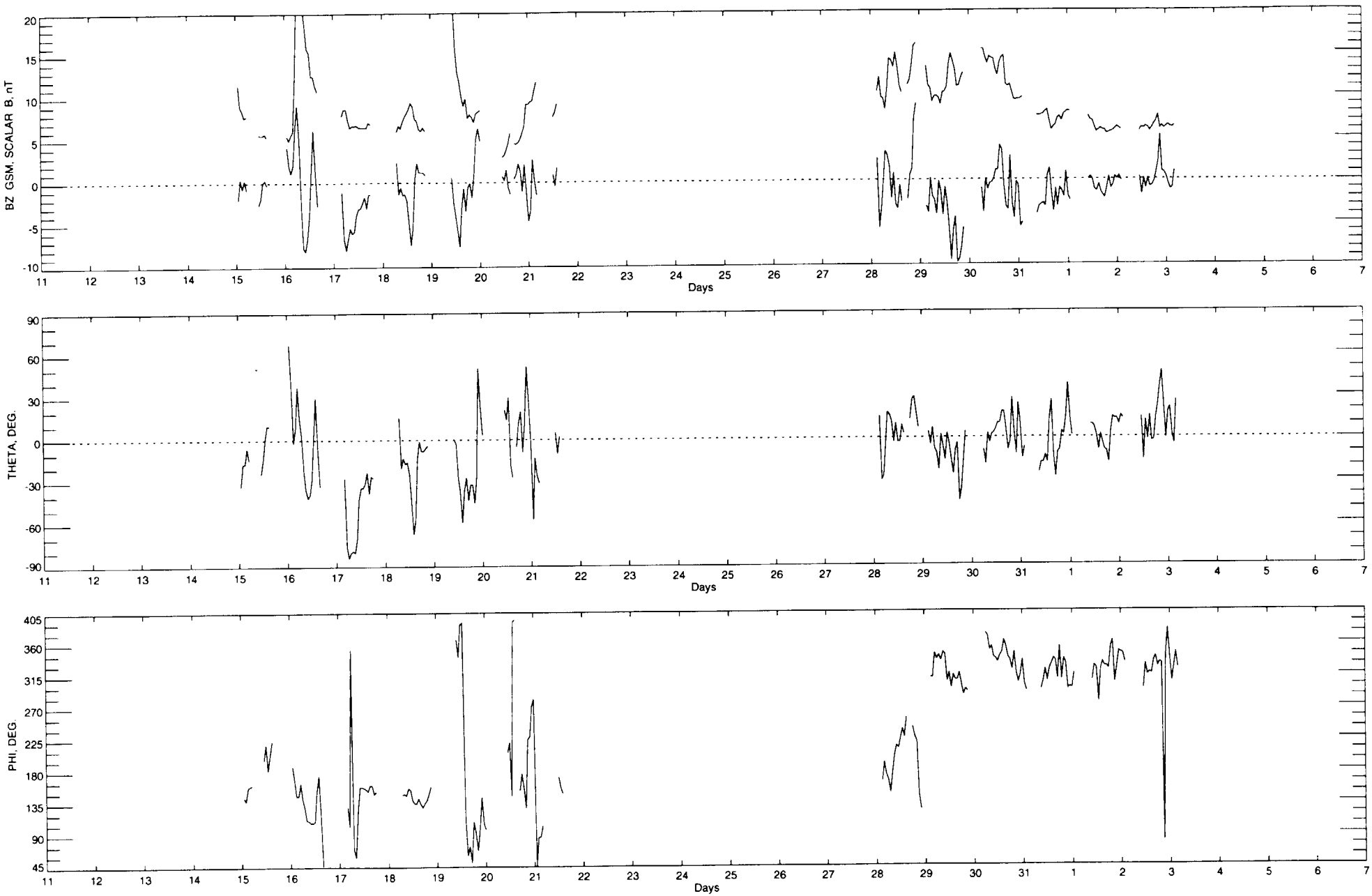



Time span: 89- 2-12 - 89- 3-10
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days
12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 1 2 3 4 5 6 7 8 9 10 11

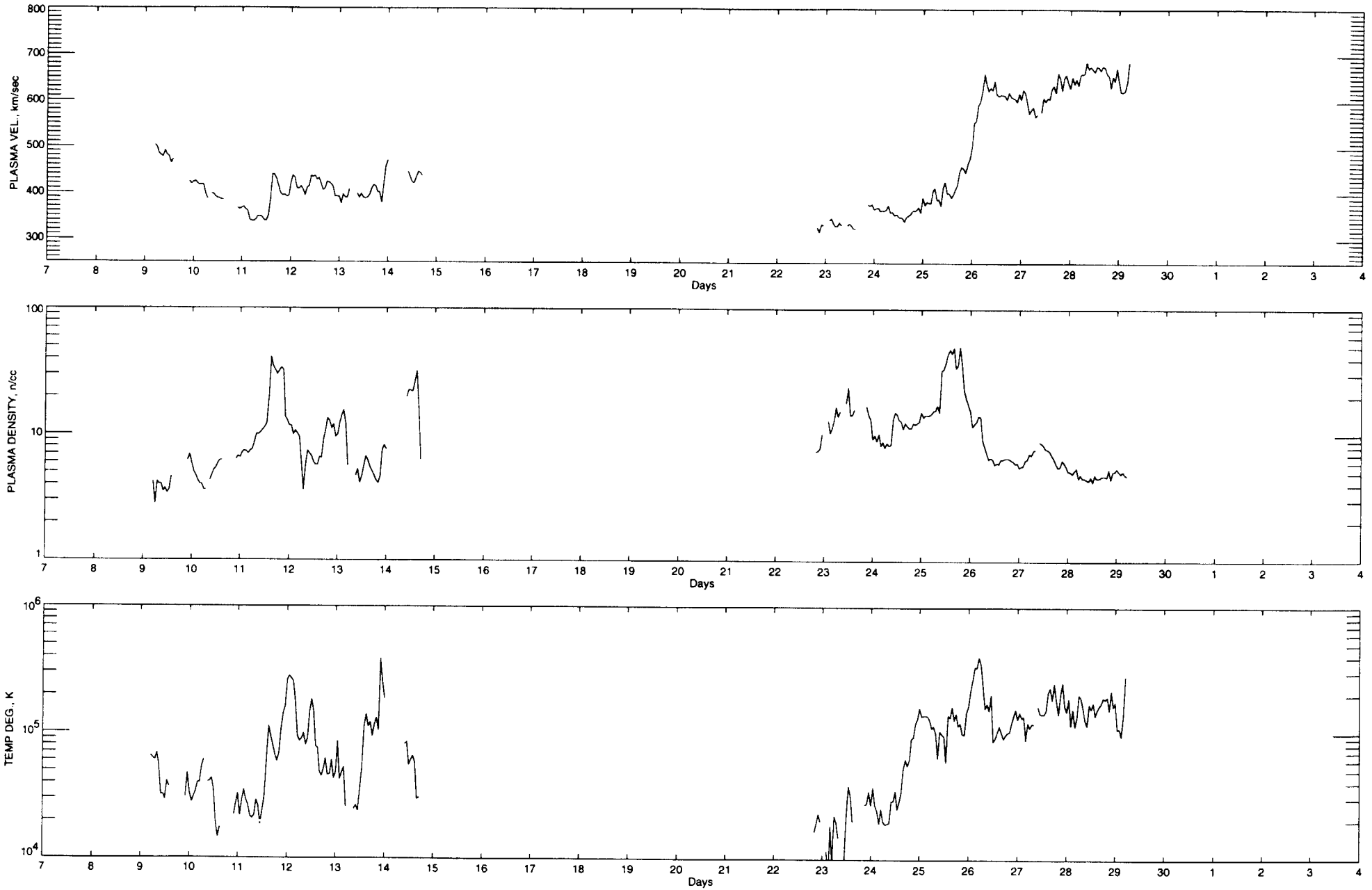
Time span: 89- 3-11 - 89- 4- 6



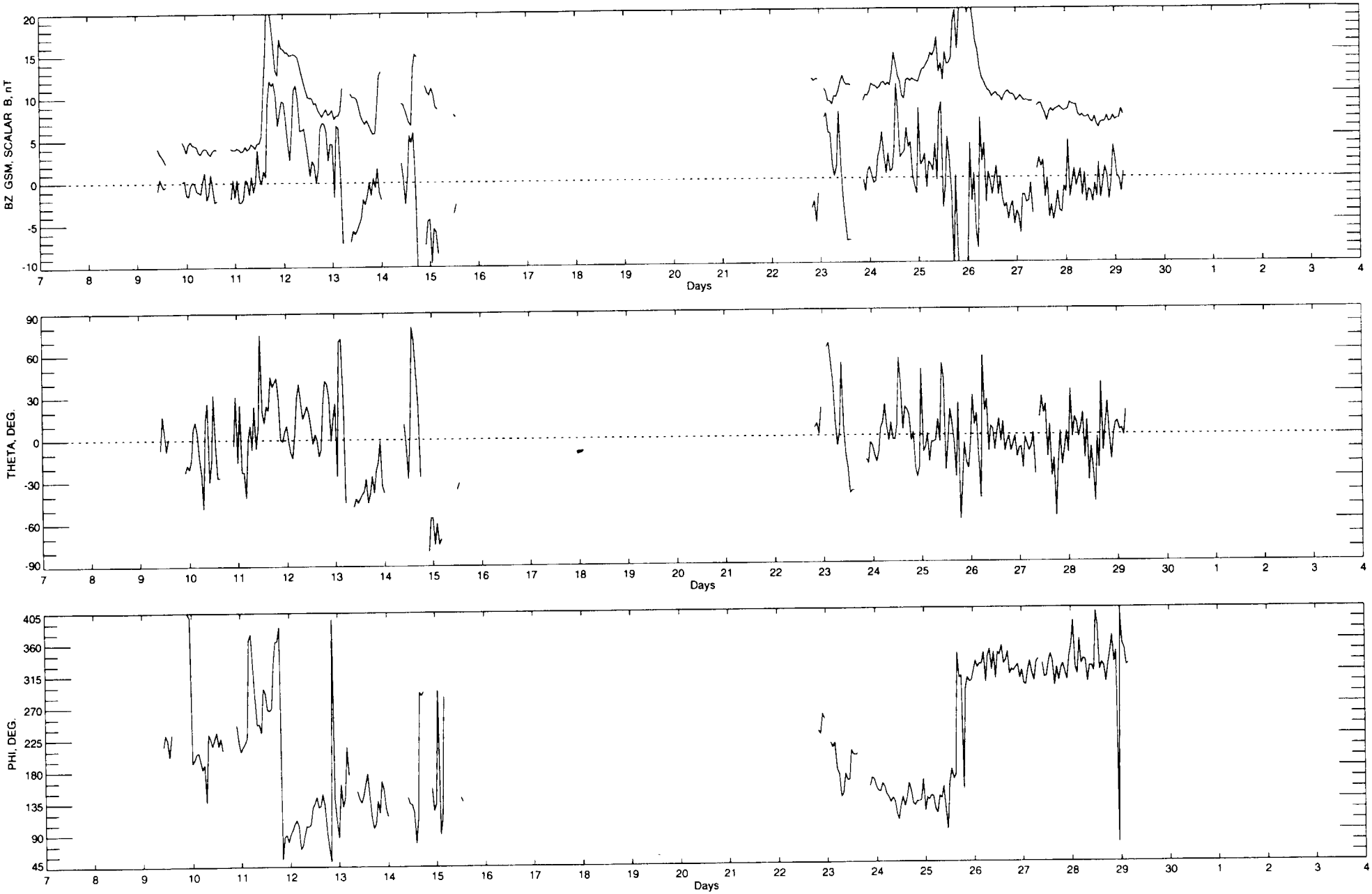
Time span: 89- 3-11 - 89- 4- 6



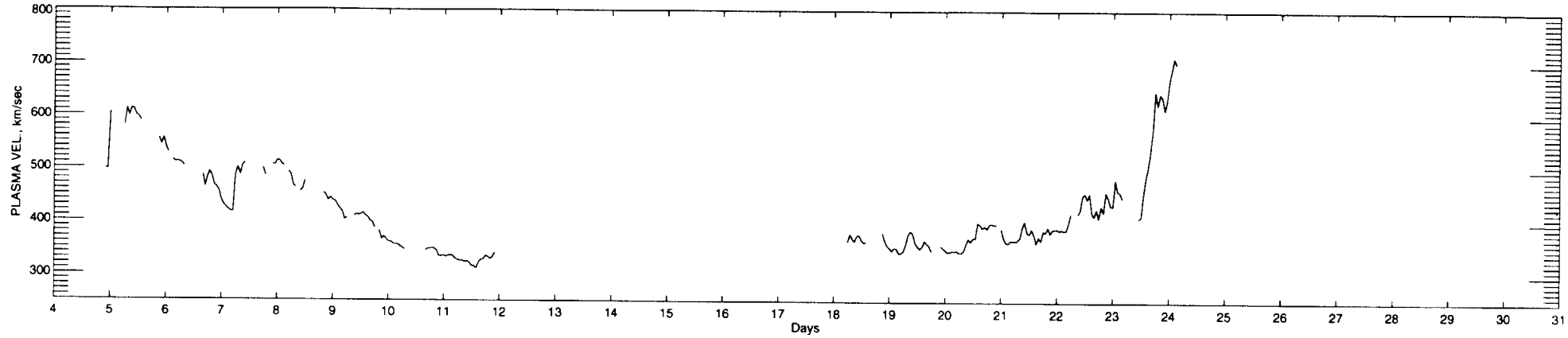
Time span: 89- 4- 7 - 89- 5- 3

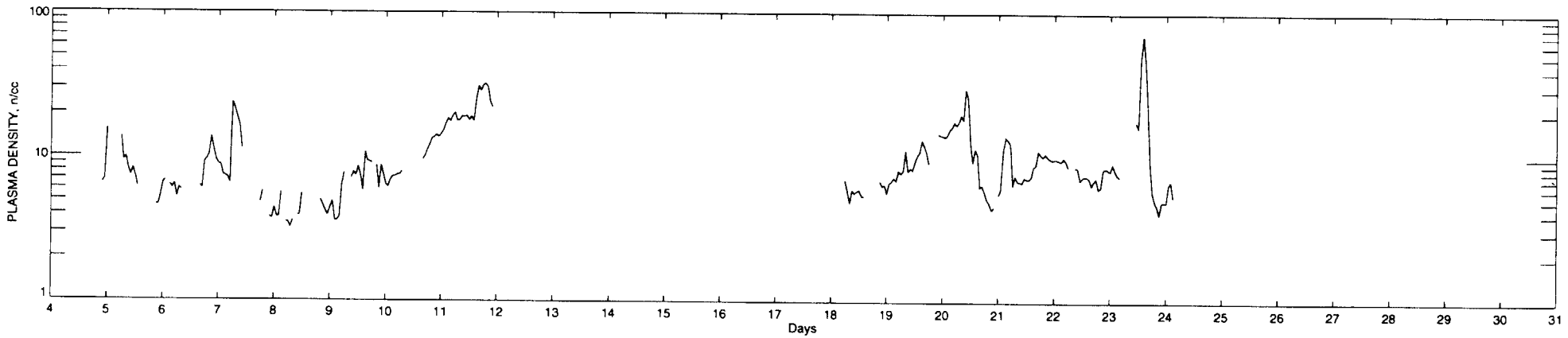


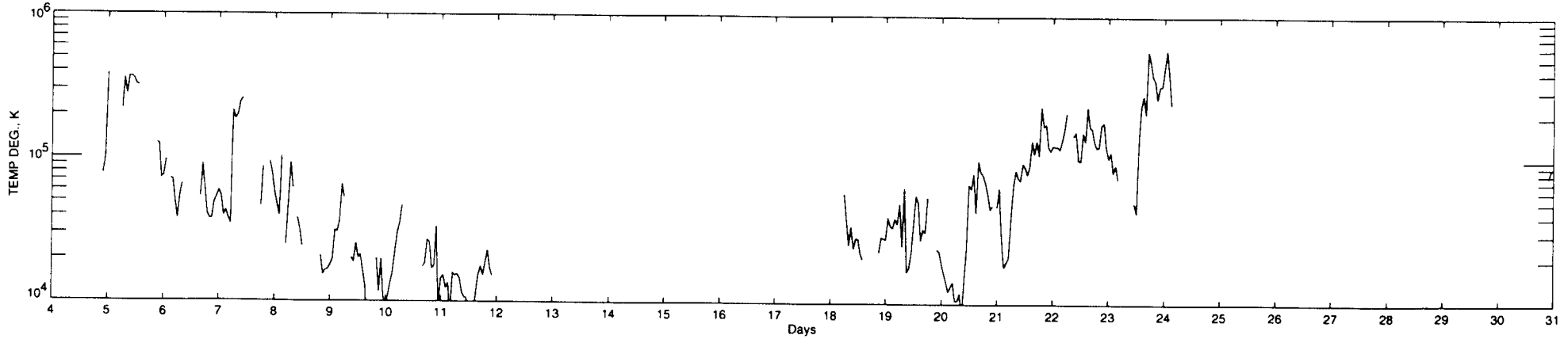
Time span: 89- 4- 7 - 89- 5- 3



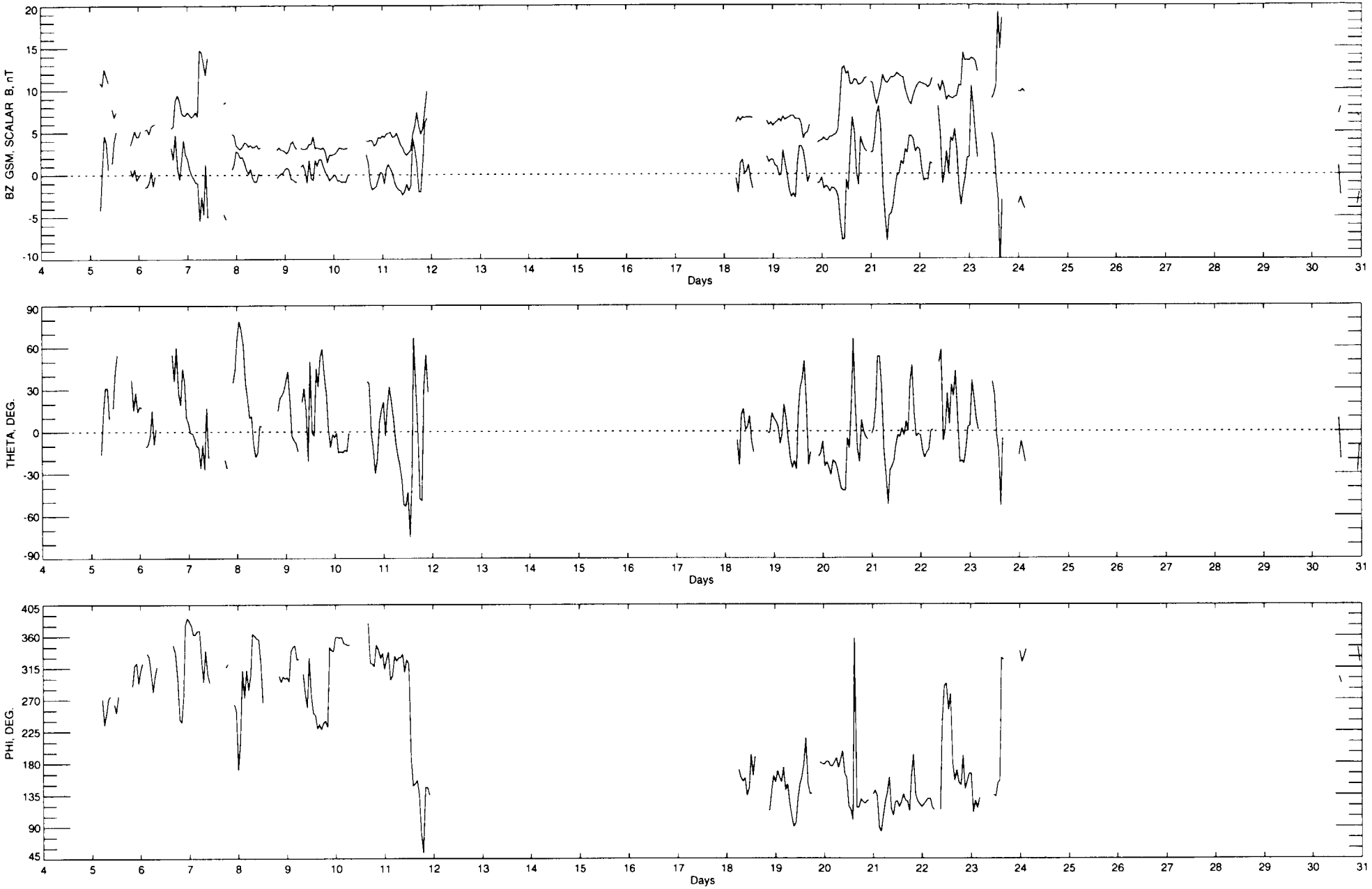
Time span: 89- 5- 4 - 89- 5-30



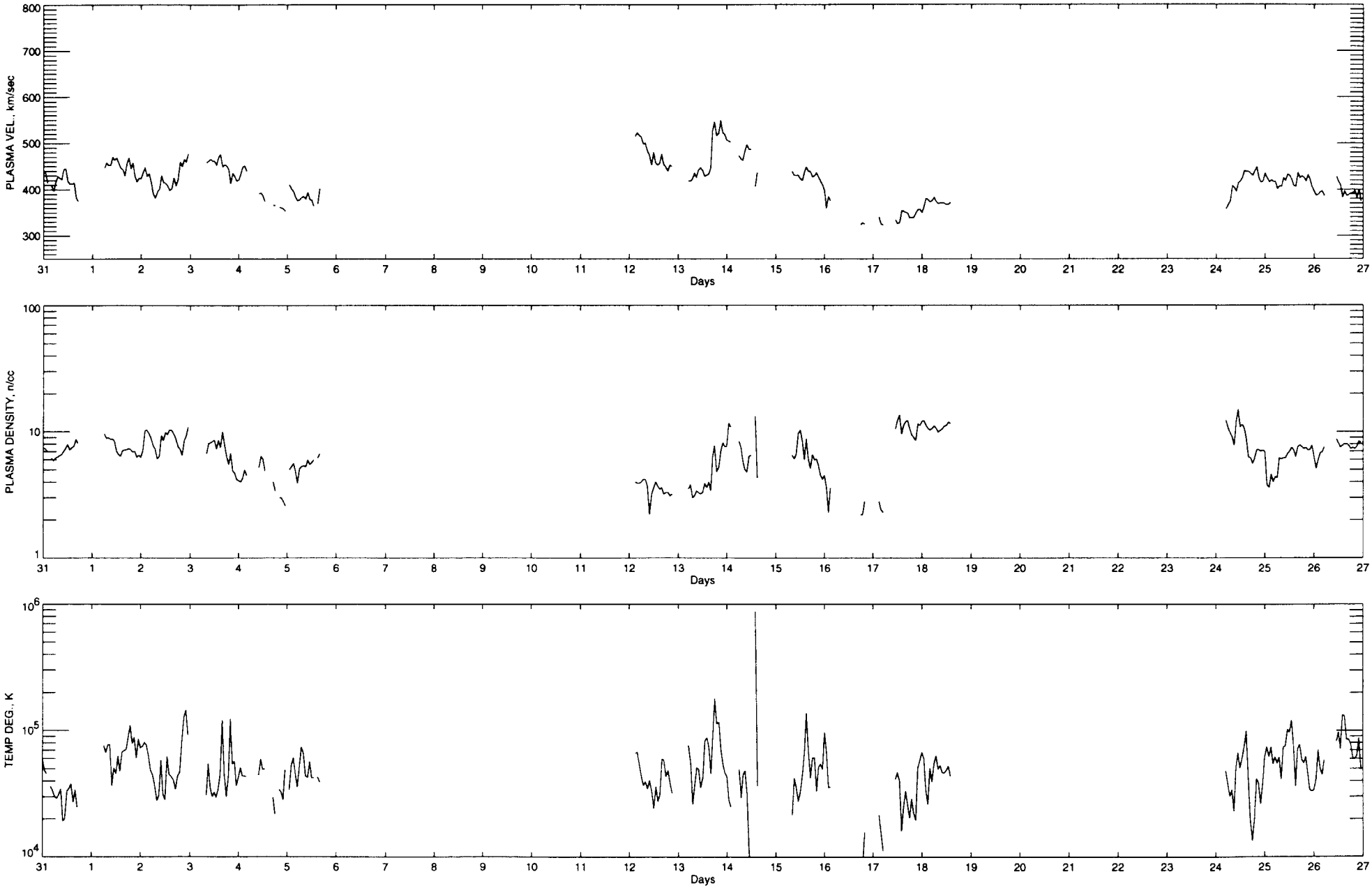


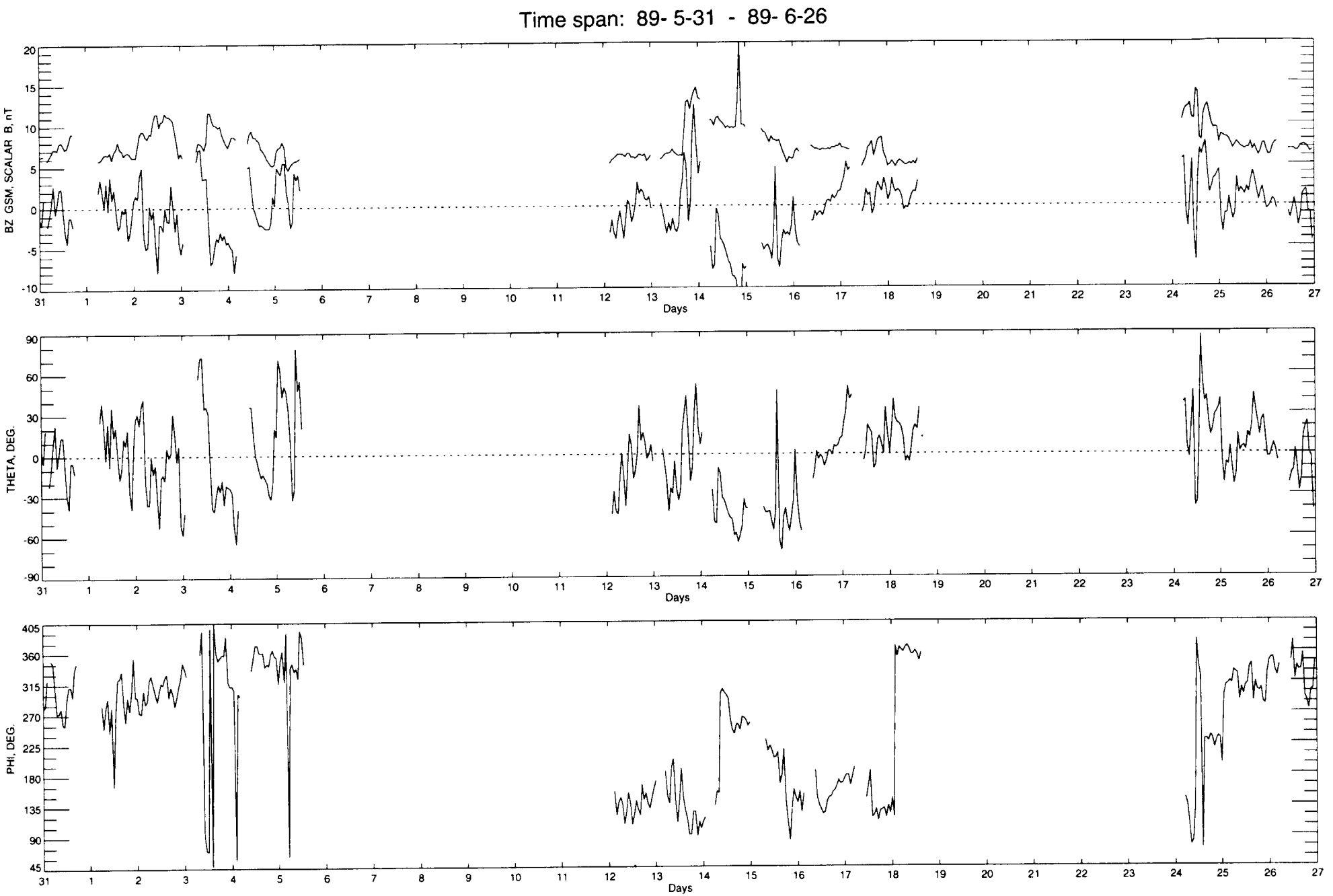


Time span: 89- 5- 4 - 89- 5-30

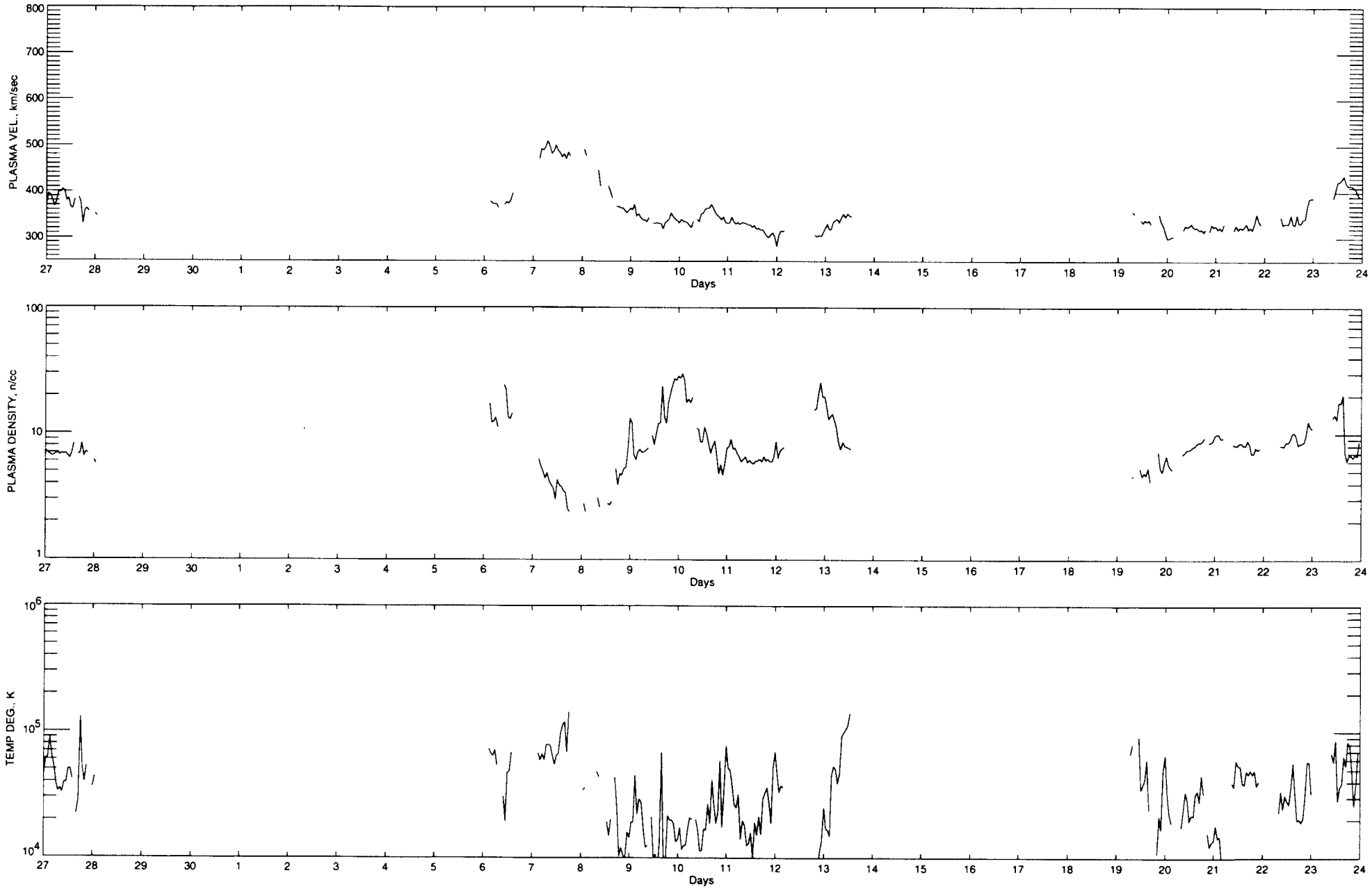


Time span: 89- 5-31 - 89- 6-26

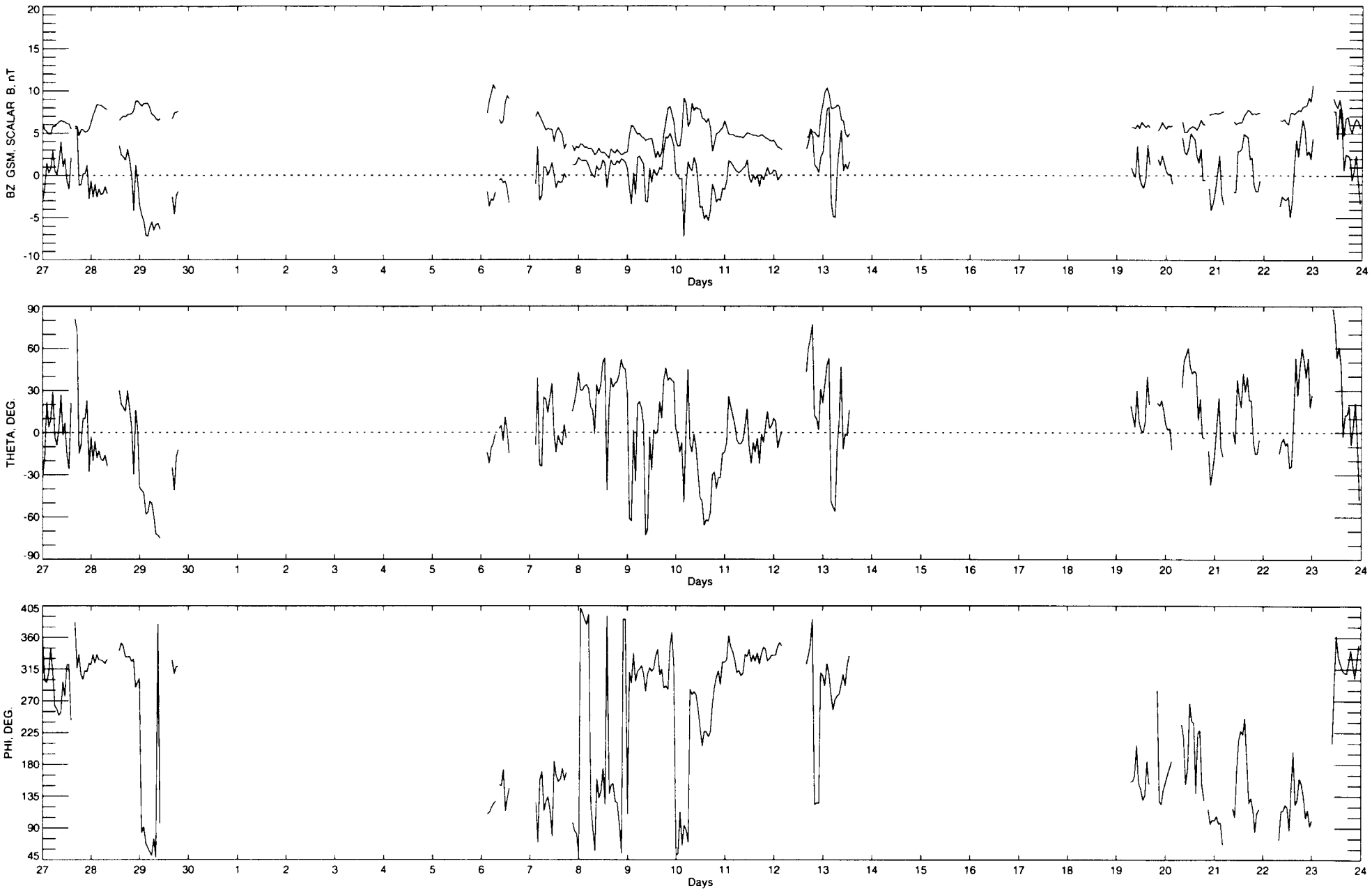



Time span: 89- 5-31 - 89- 6-26
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days

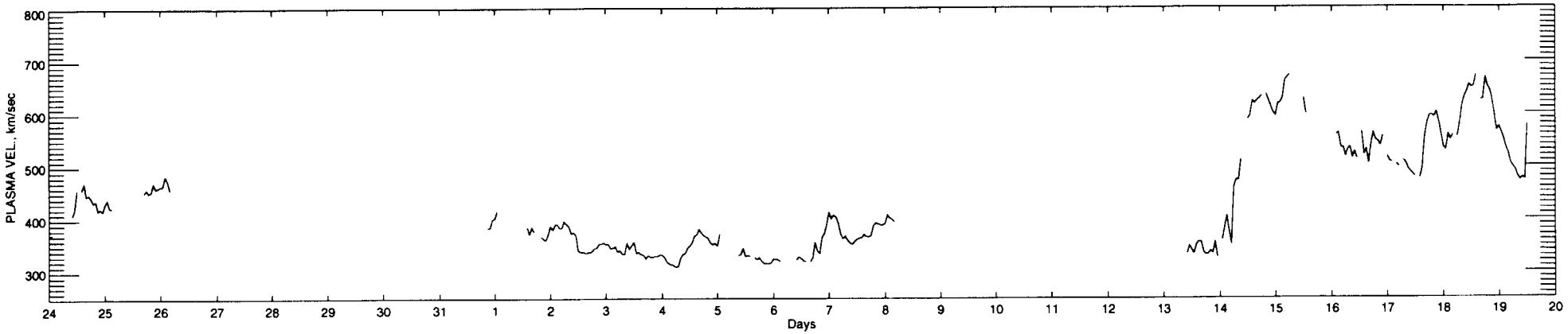
Time span: 89- 6-27 - 89- 7-23

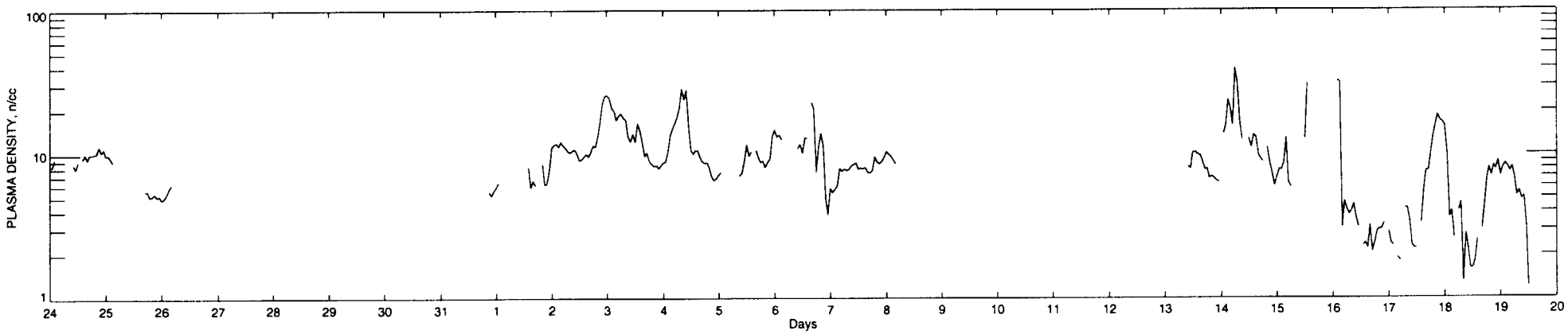


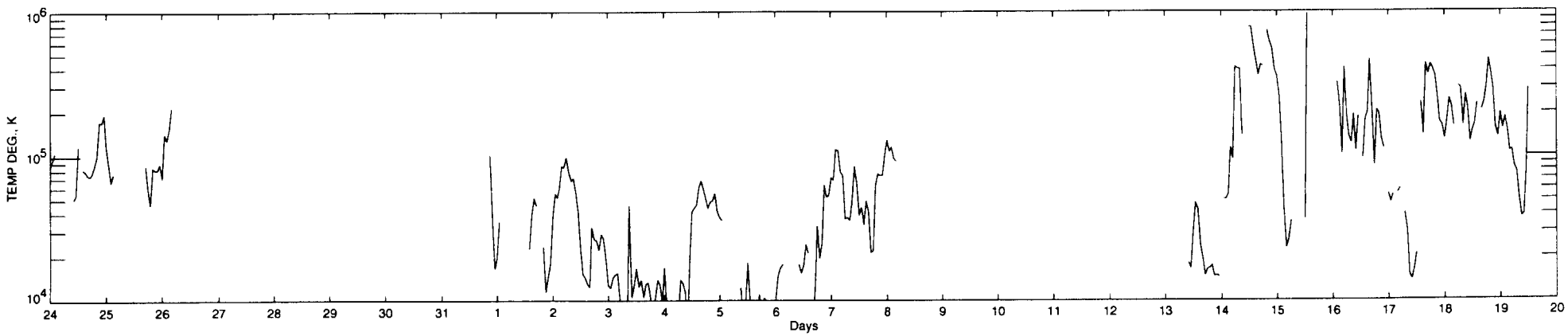
Time span: 89- 6-27 - 89- 7-23

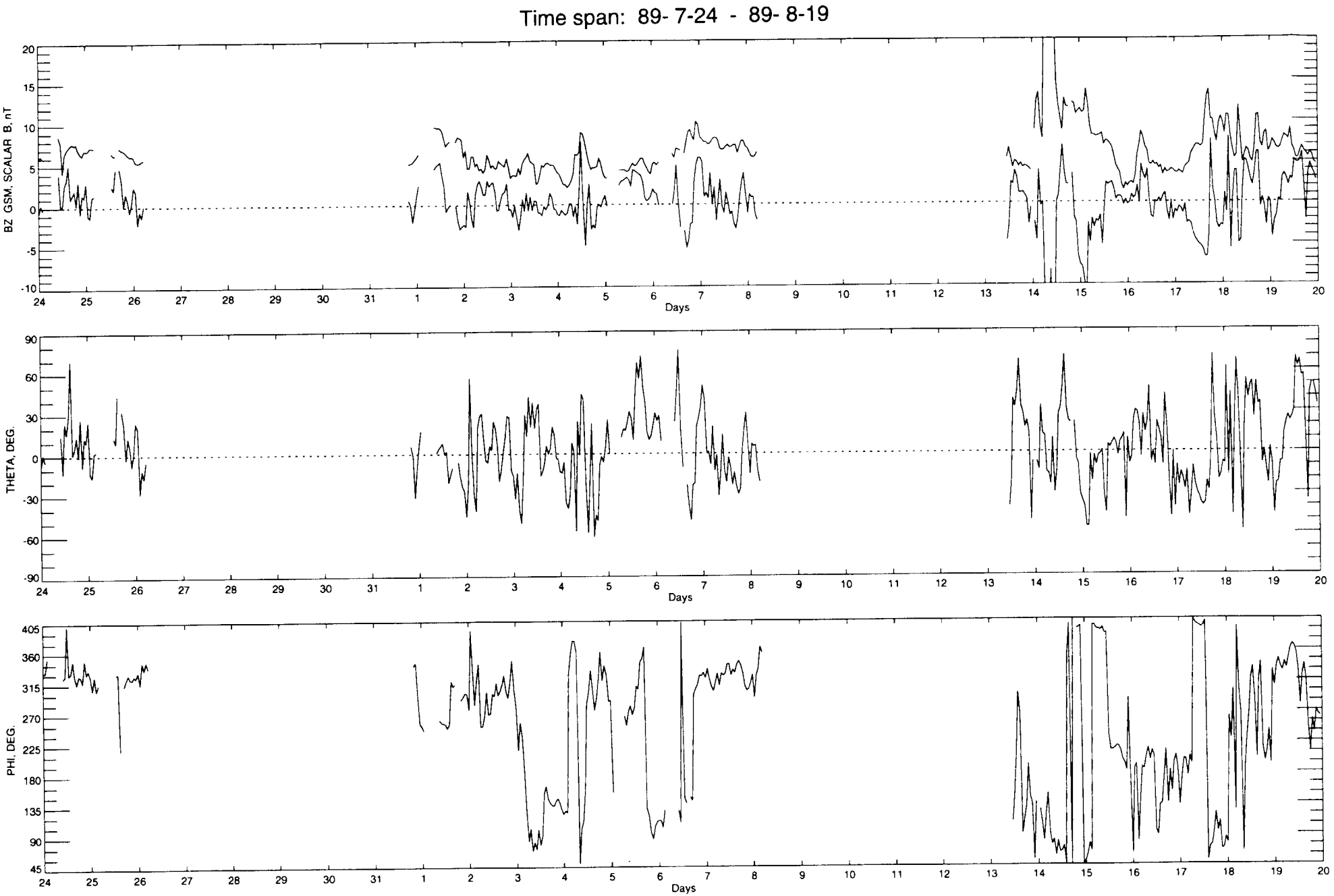


Time span: 89- 7-24 - 89- 8-19

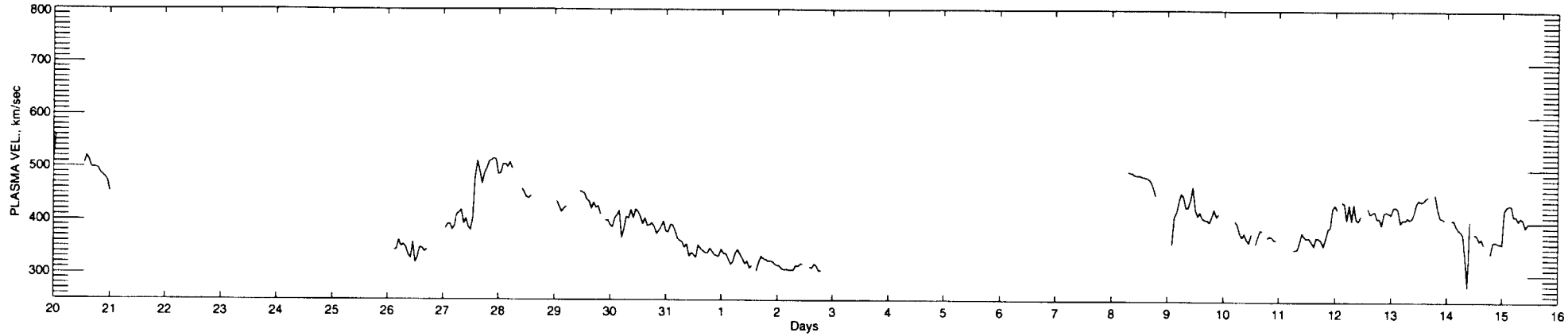


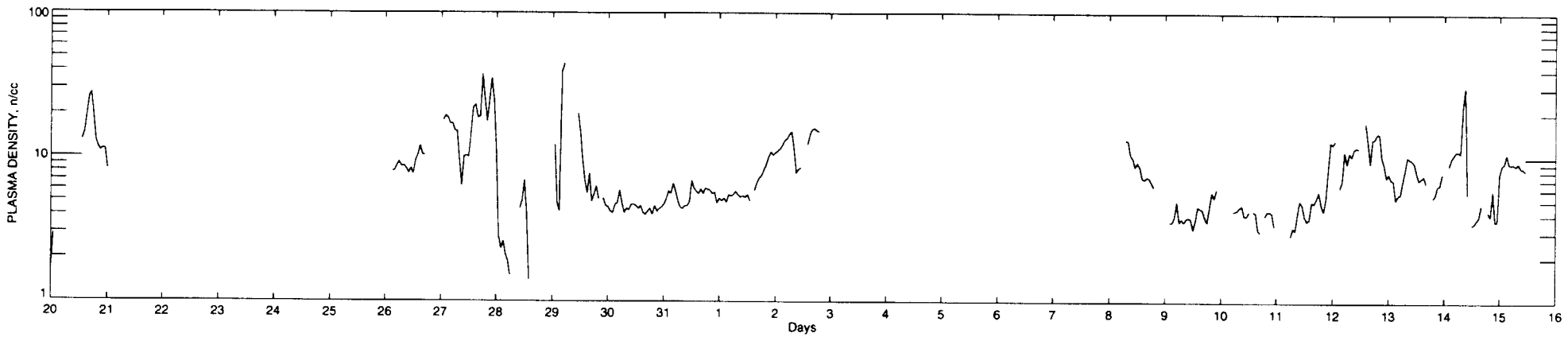


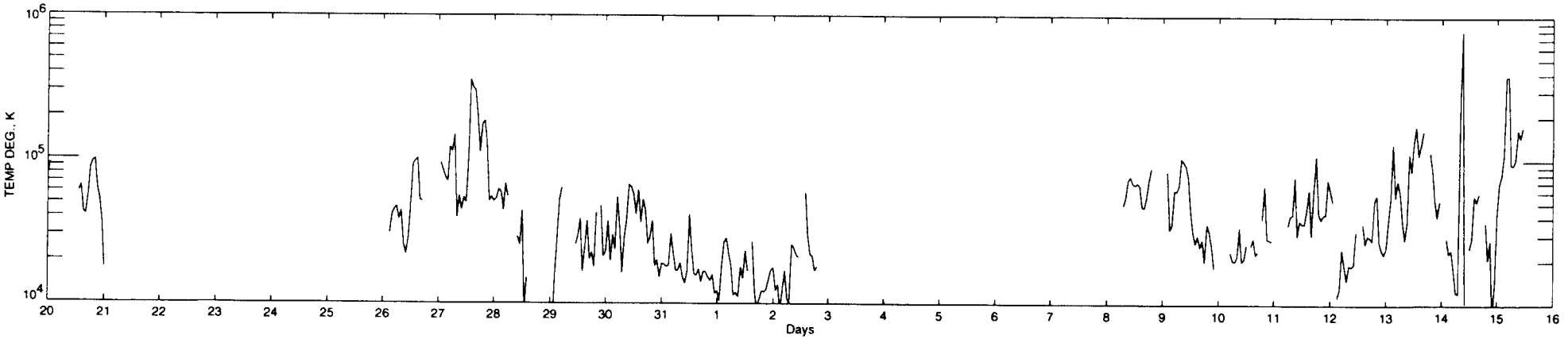



Time span: 89- 7-24 - 89- 8-19
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days
24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

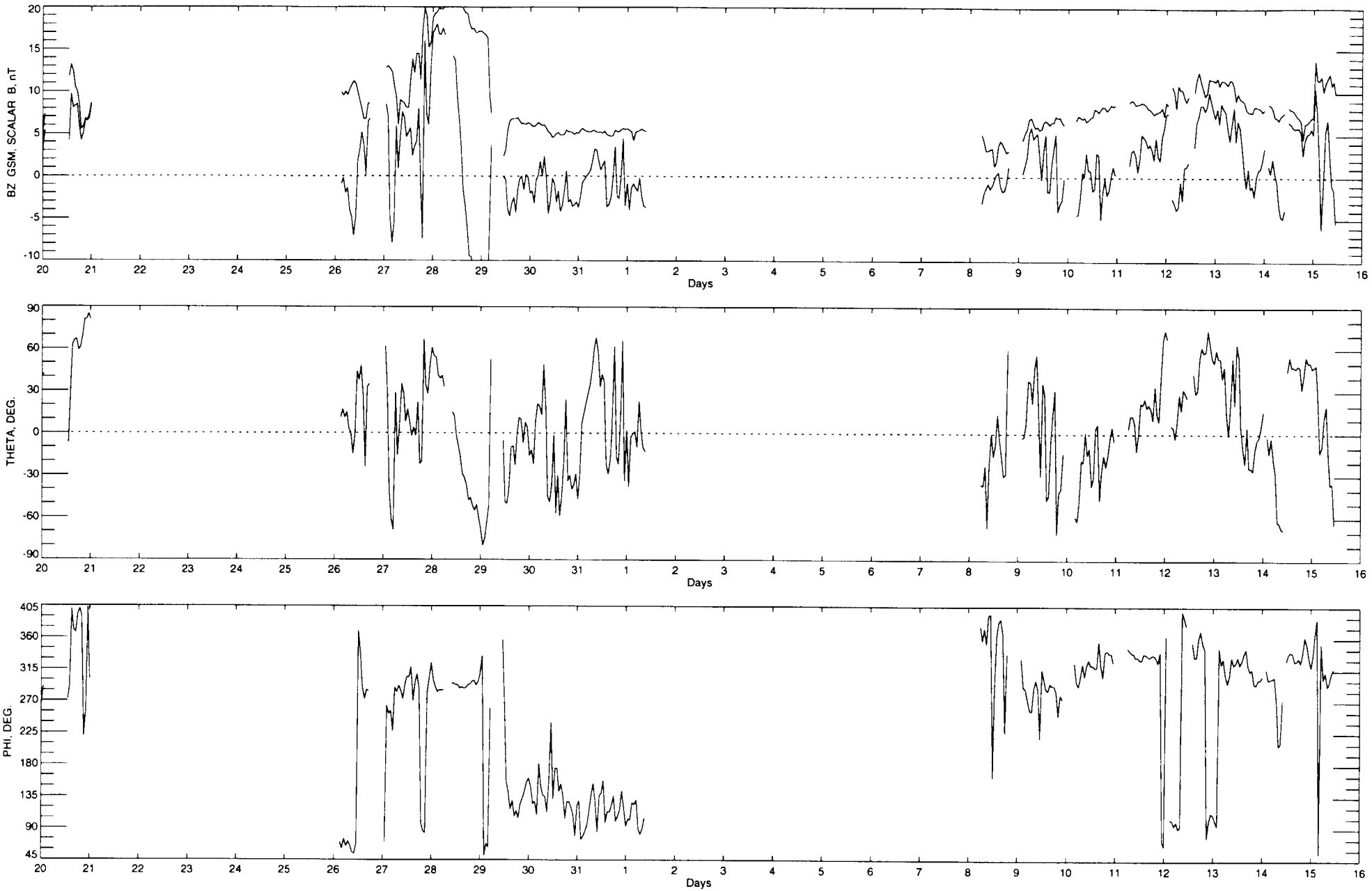
Time span: 89- 8-20 - 89- 9-15



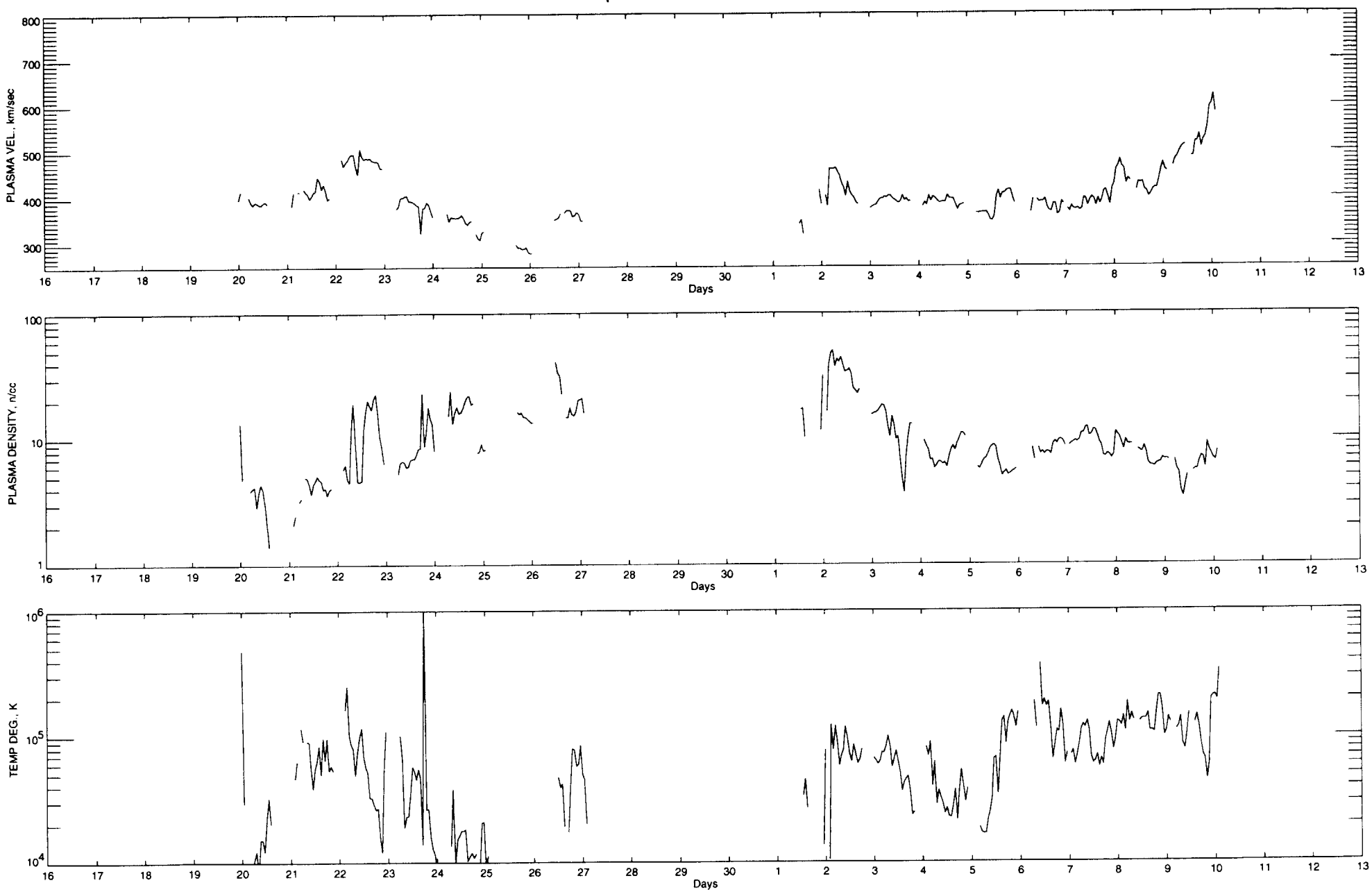


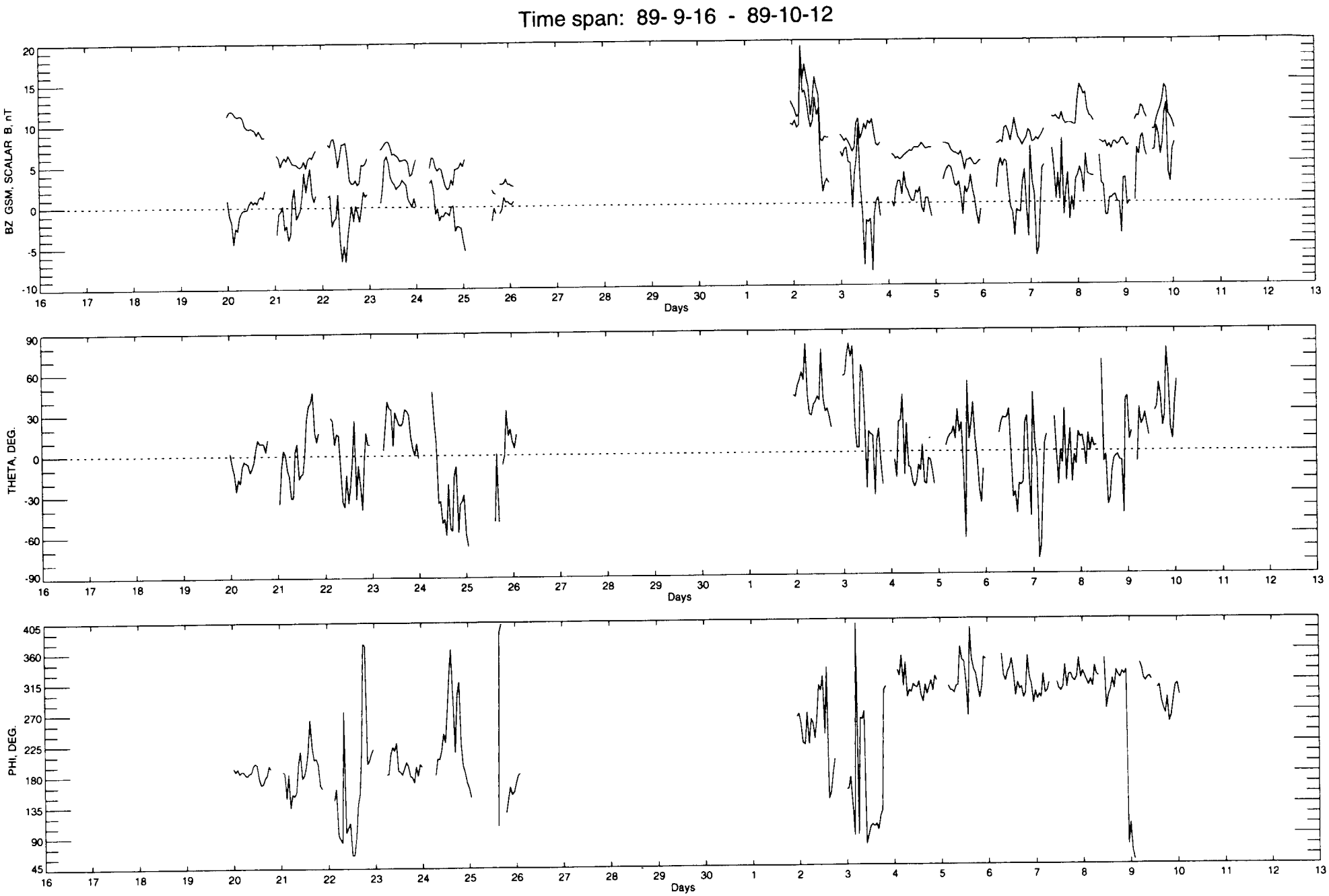


Time span: 89- 8-20 - 89- 9-15

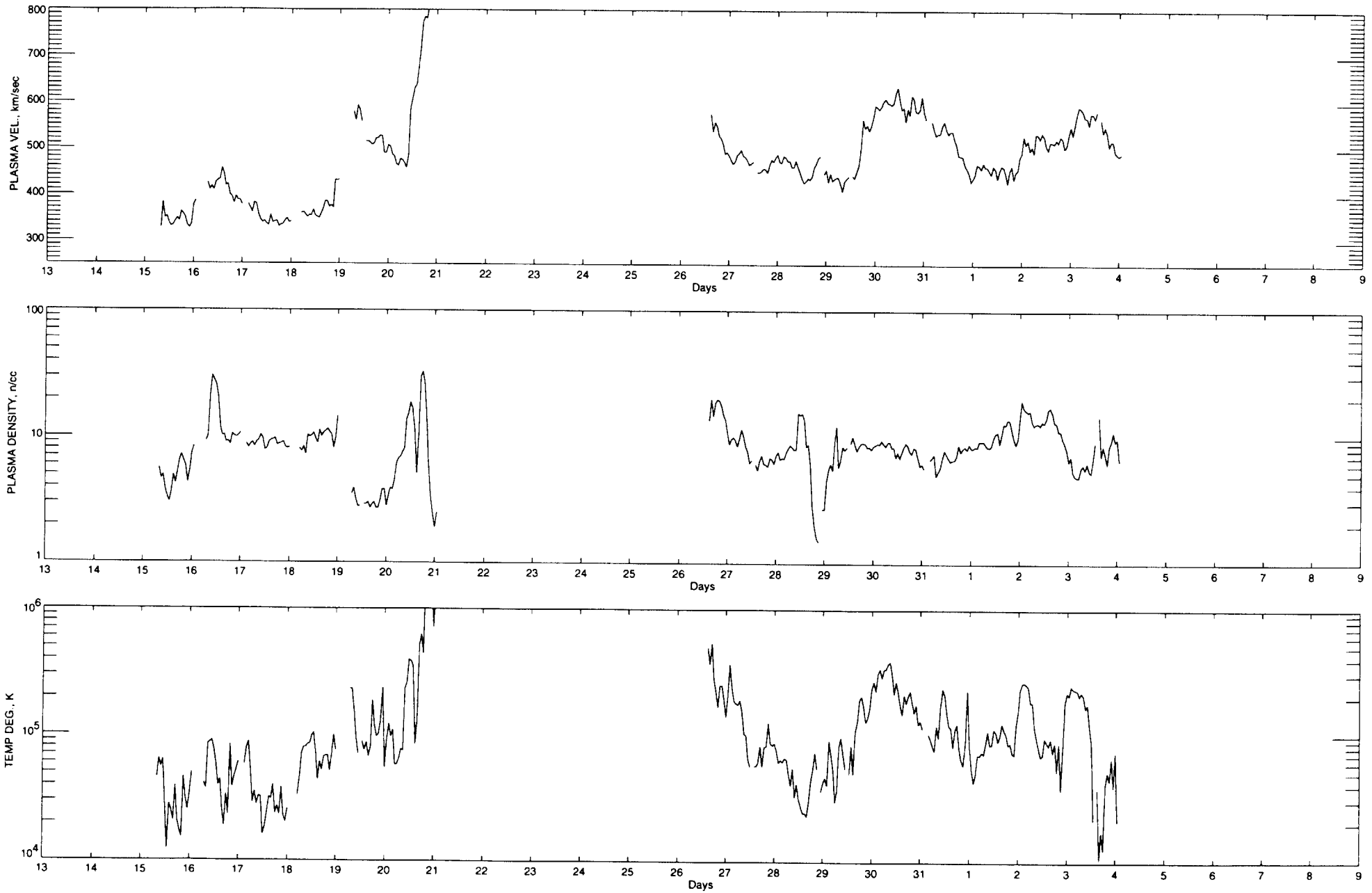


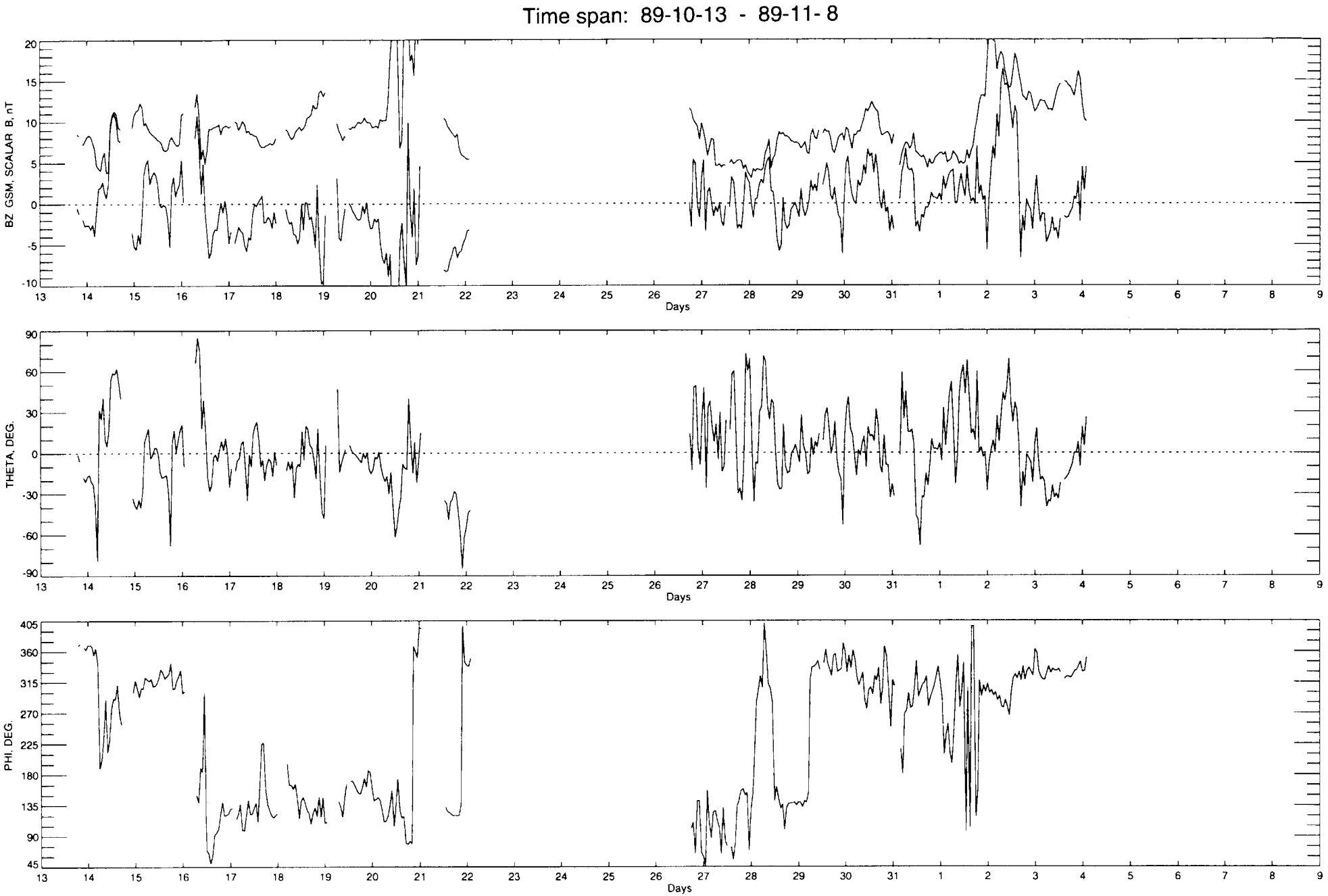
Time span: 89- 9-16 - 89-10-12



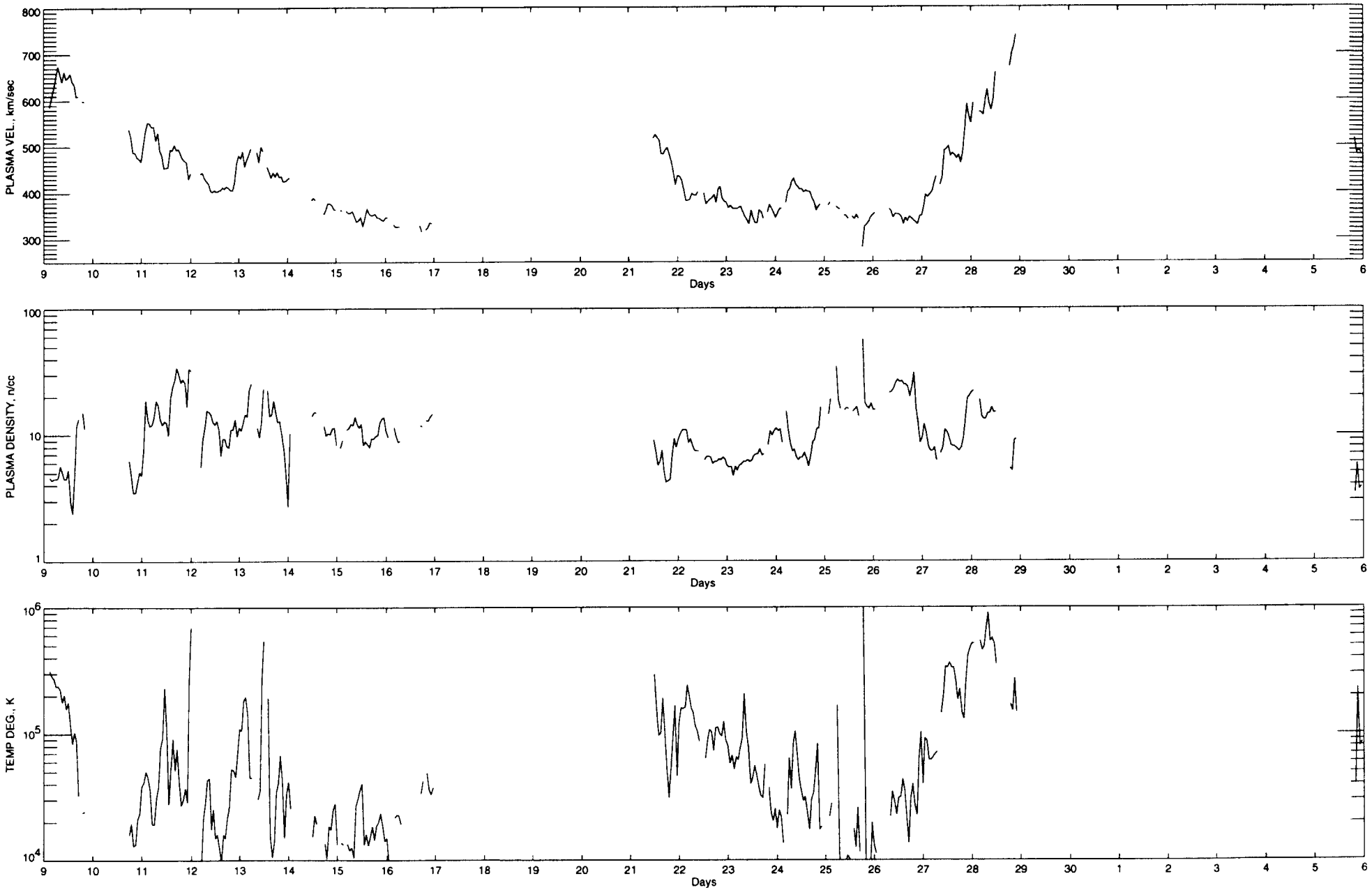

Time span: 89- 9-16 - 89-10-12
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days

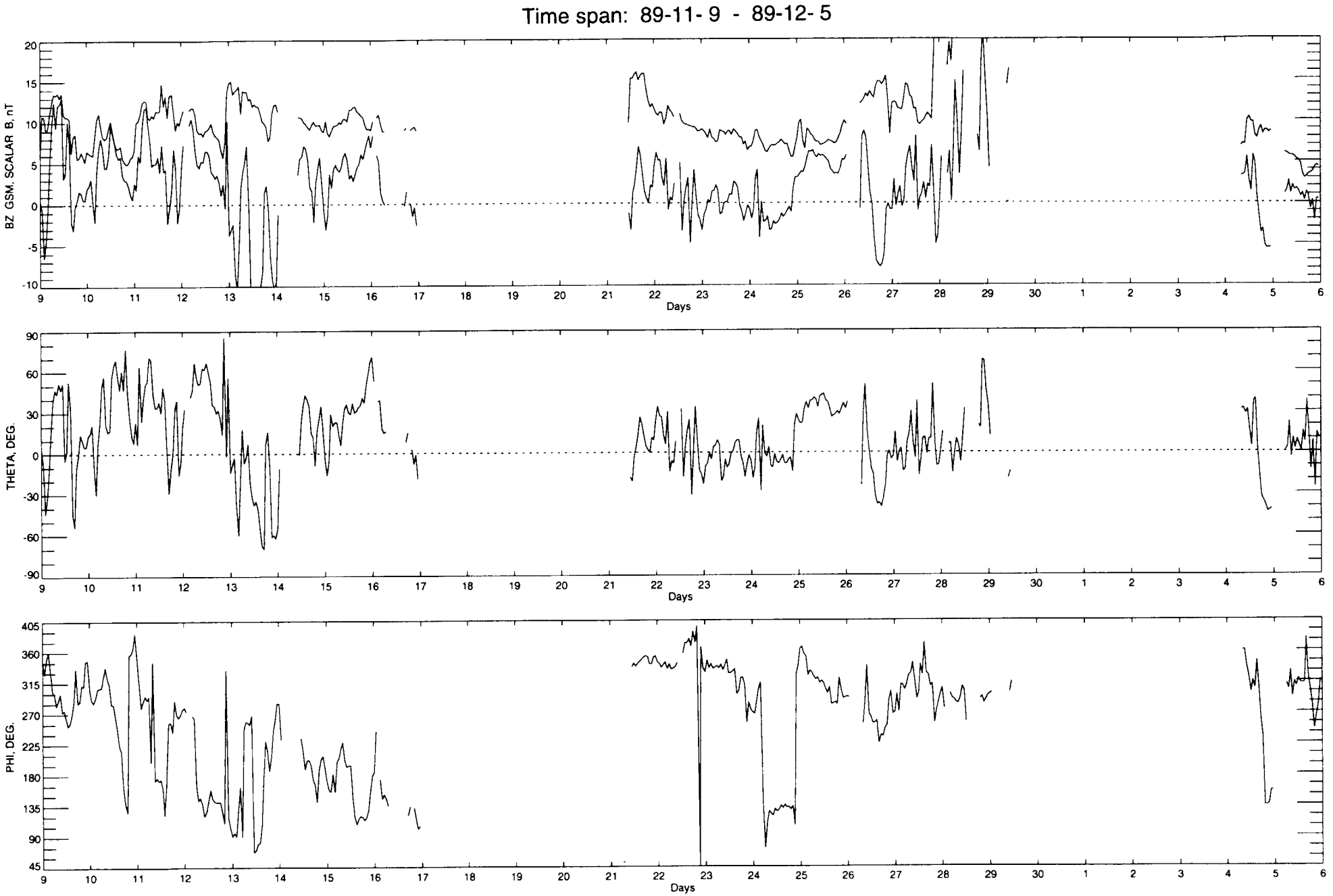
Time span: 89-10-13 - 89-11- 8



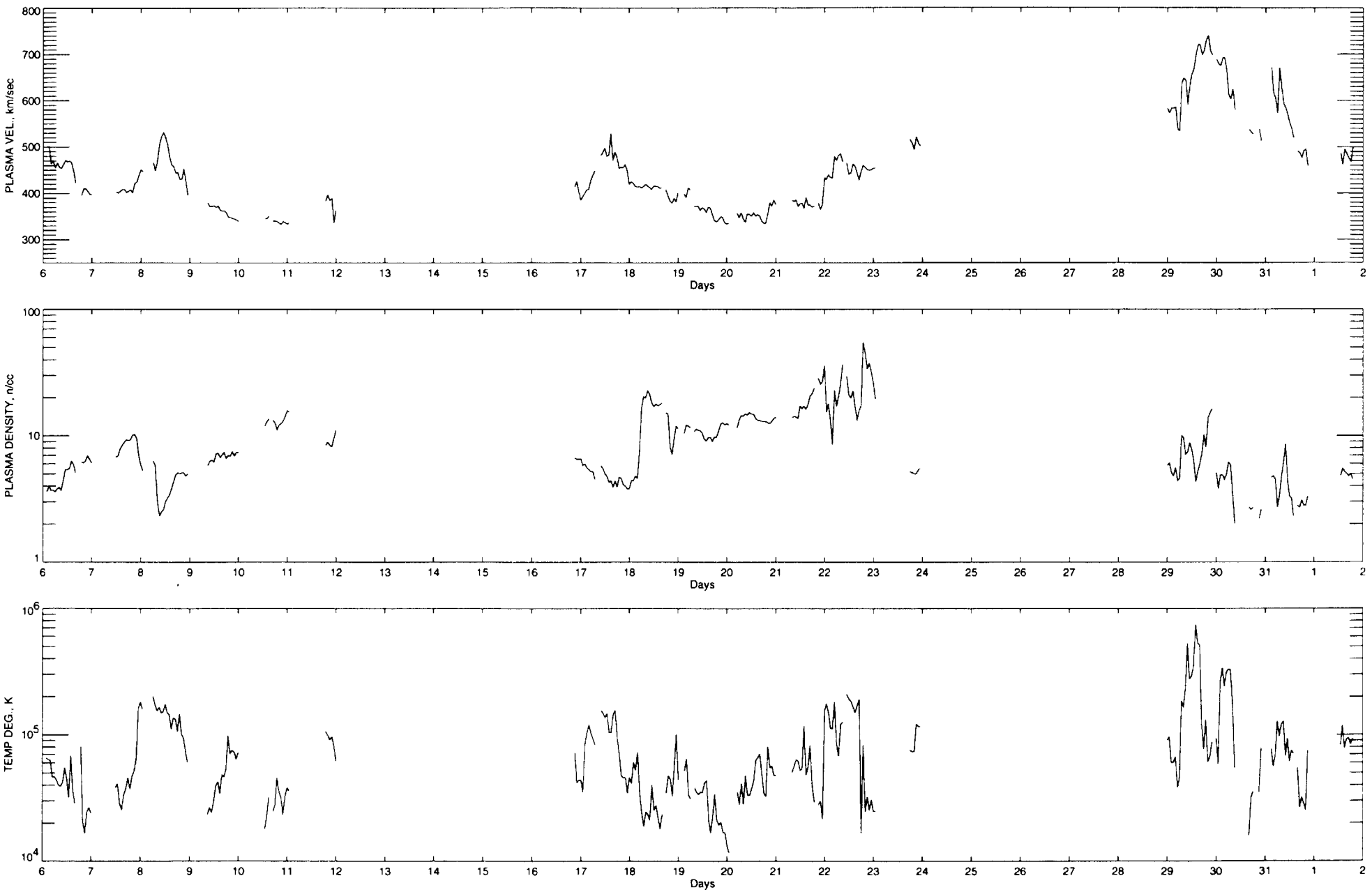

Time span: 89-10-13 - 89-11- 8
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days
13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9

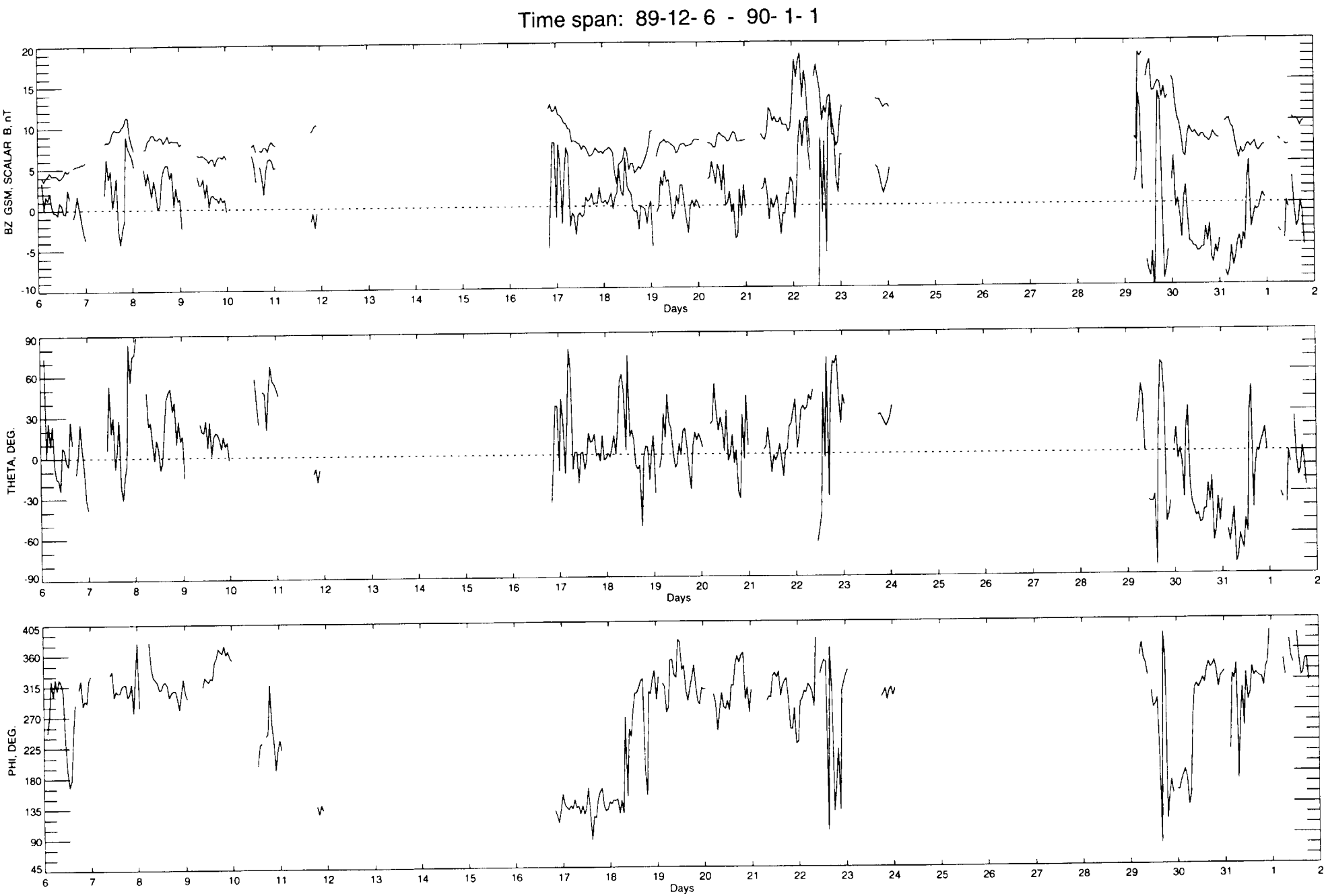
Time span: 89-11- 9 - 89-12- 5



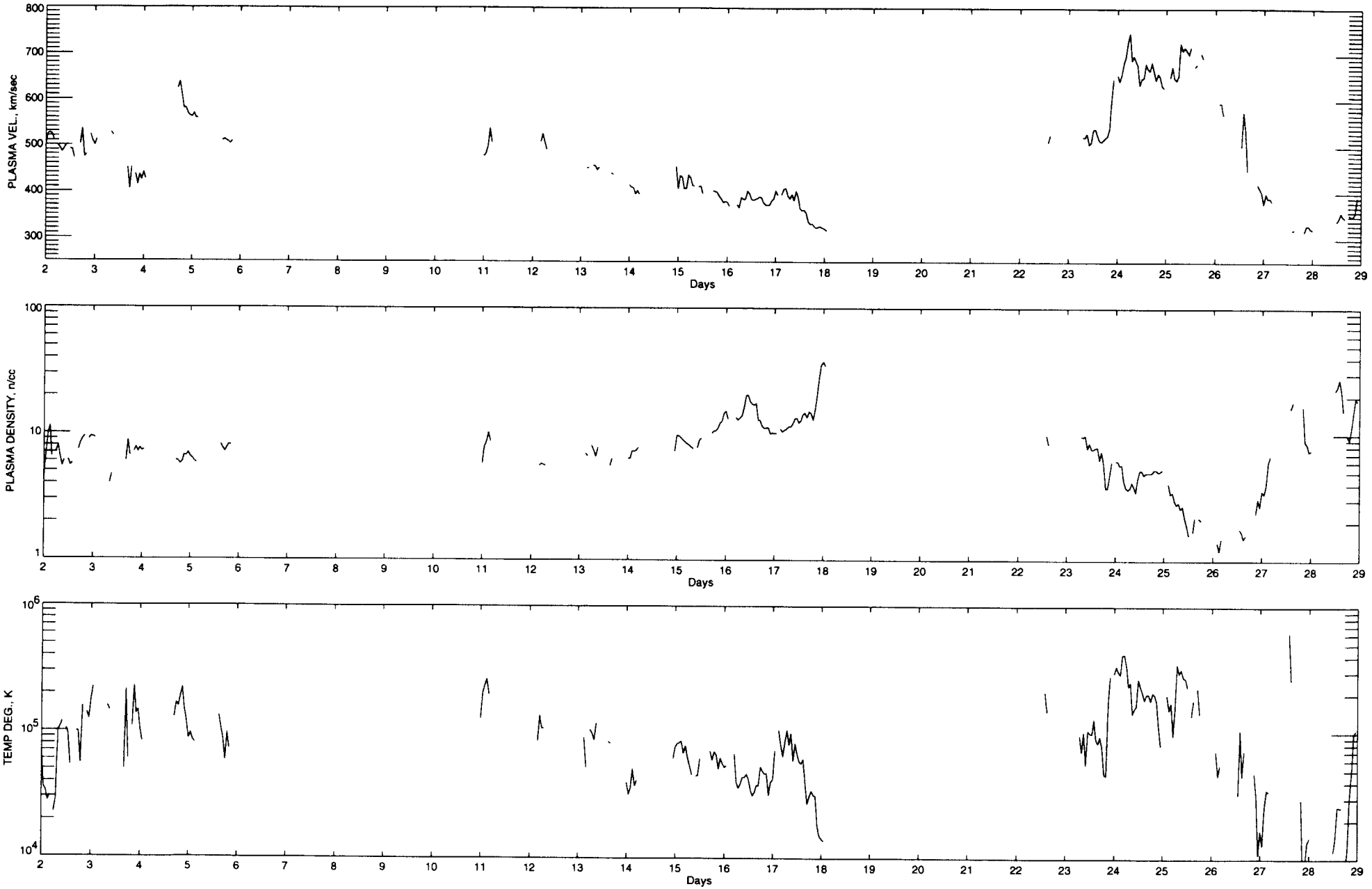

Time span: 89-11- 9 - 89-12- 5
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days
9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 1 2 3 4 5 6

Time span: 89-12- 6 - 90- 1- 1

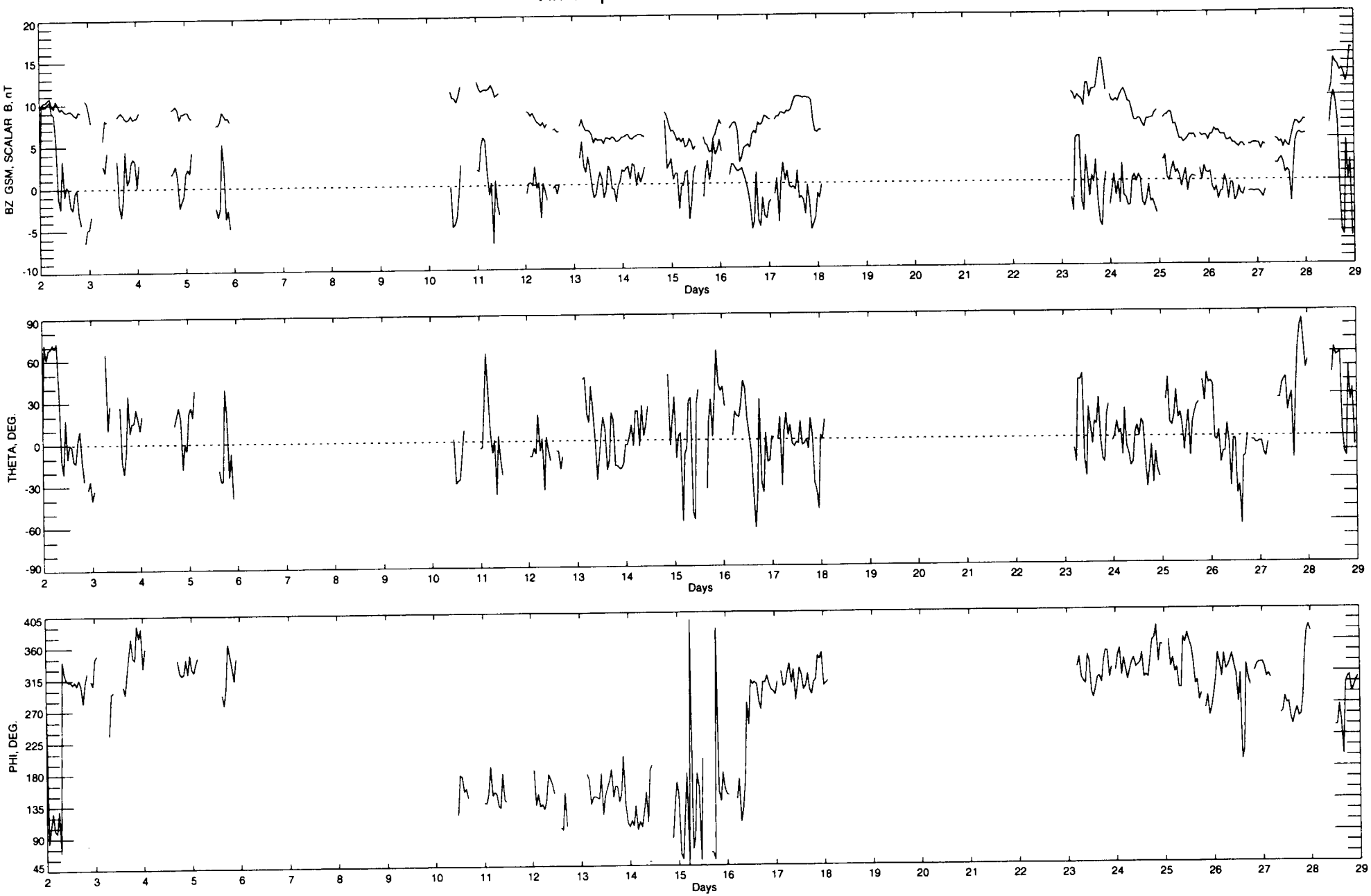



Time span: 89-12- 6 - 90- 1- 1
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days

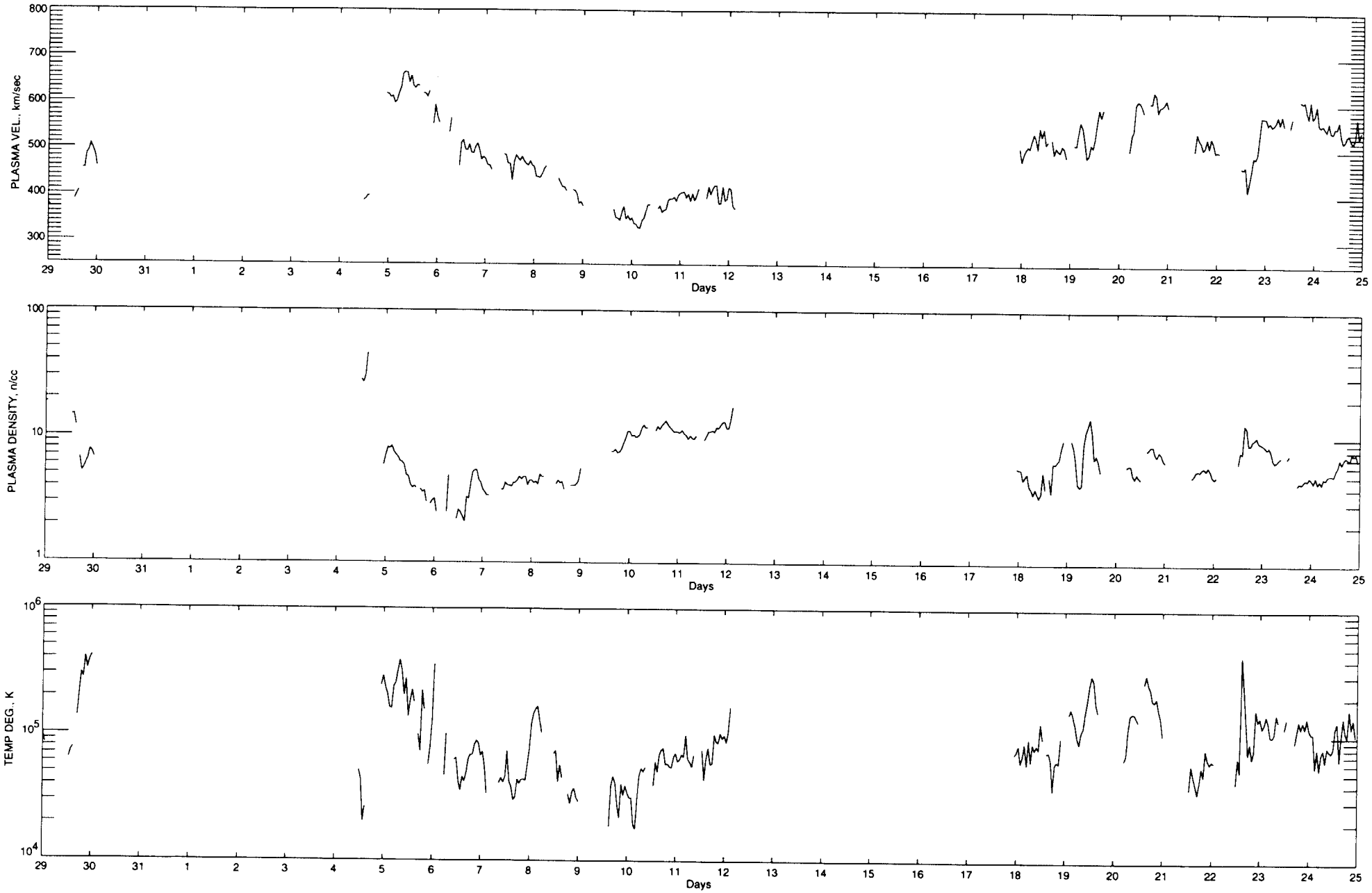
Time span: 90- 1- 2 - 90- 1-28



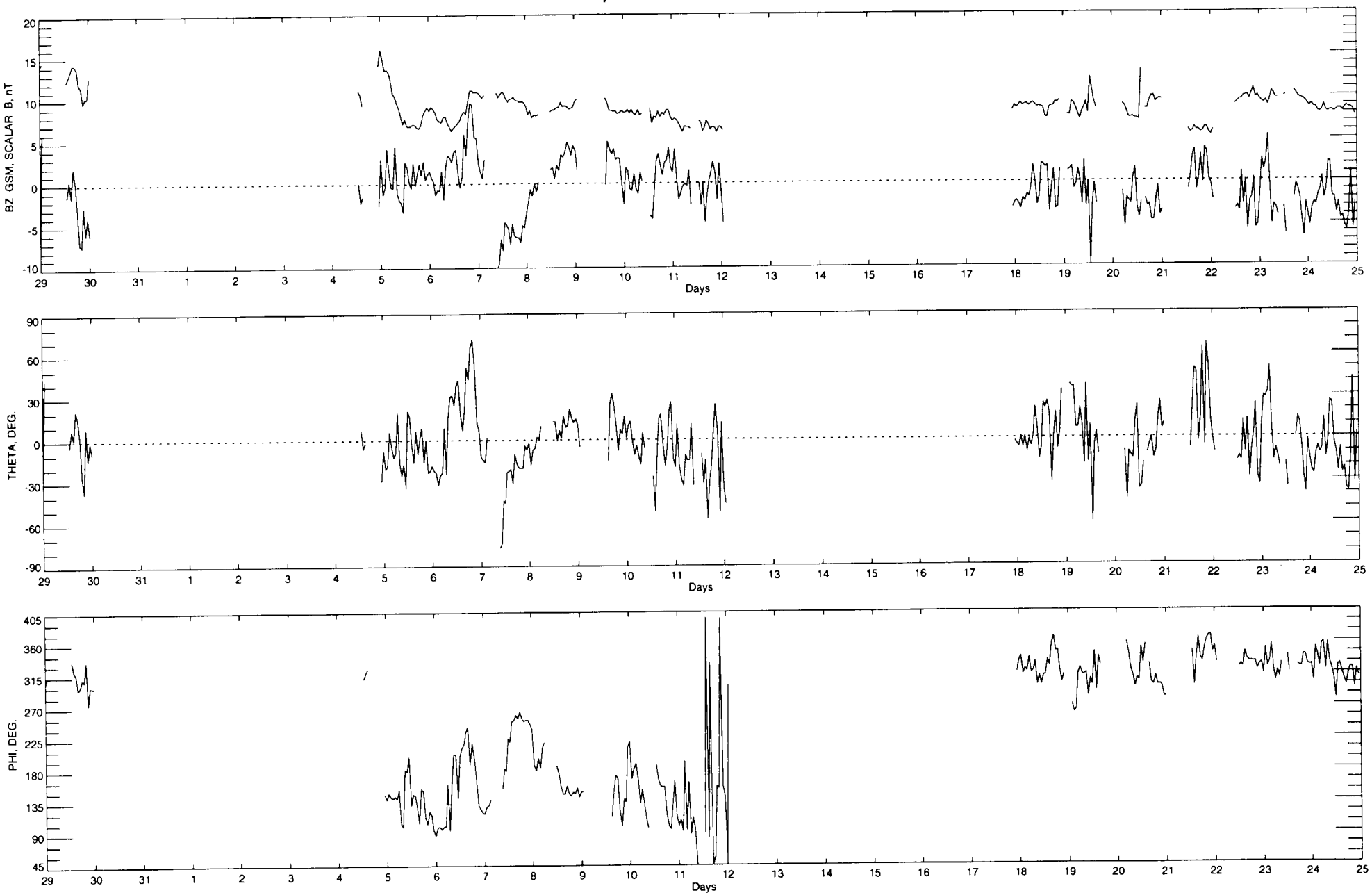
Time span: 90- 1- 2 - 90- 1-28



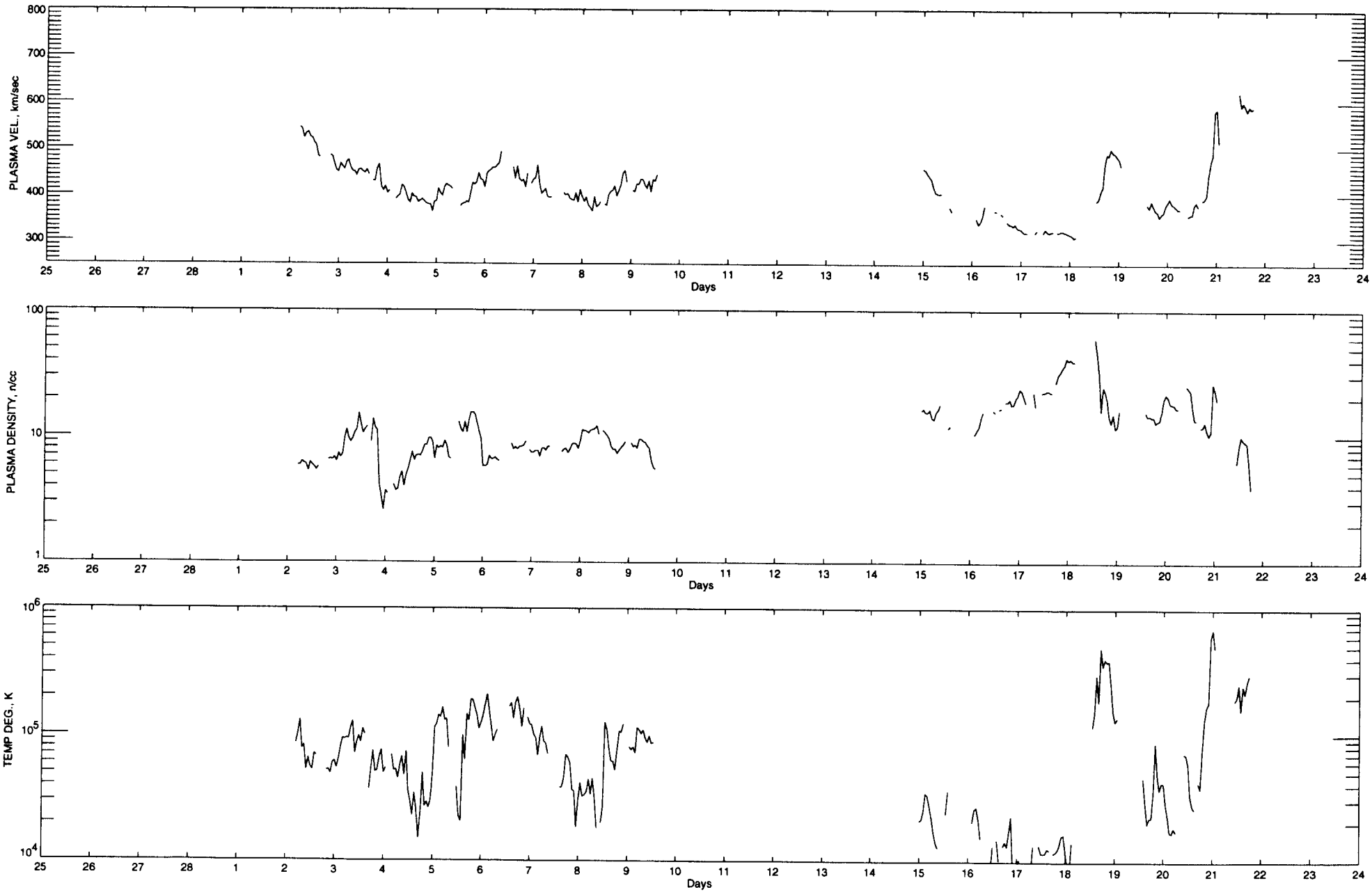
Time span: 90- 1-29 - 90- 2-24

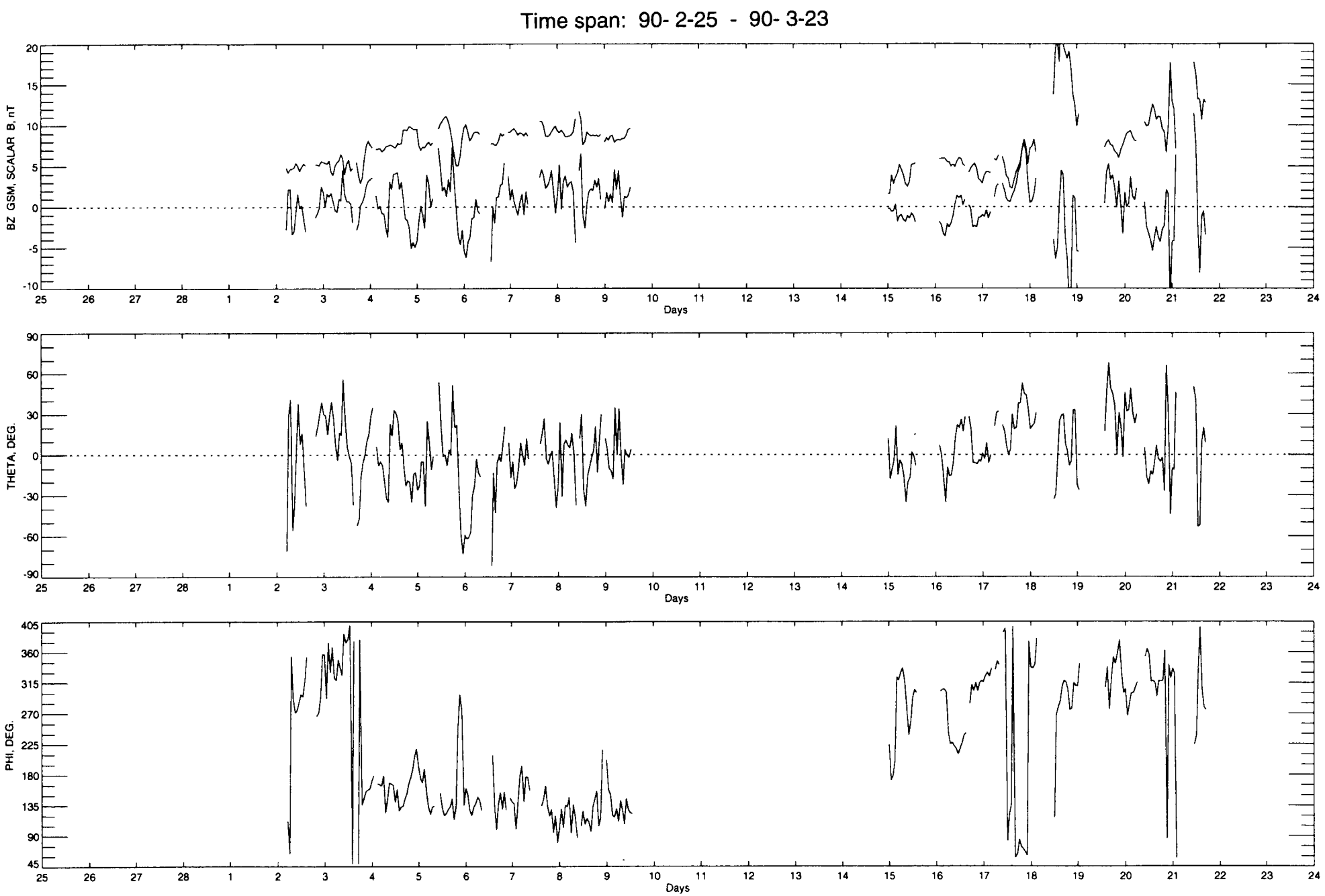


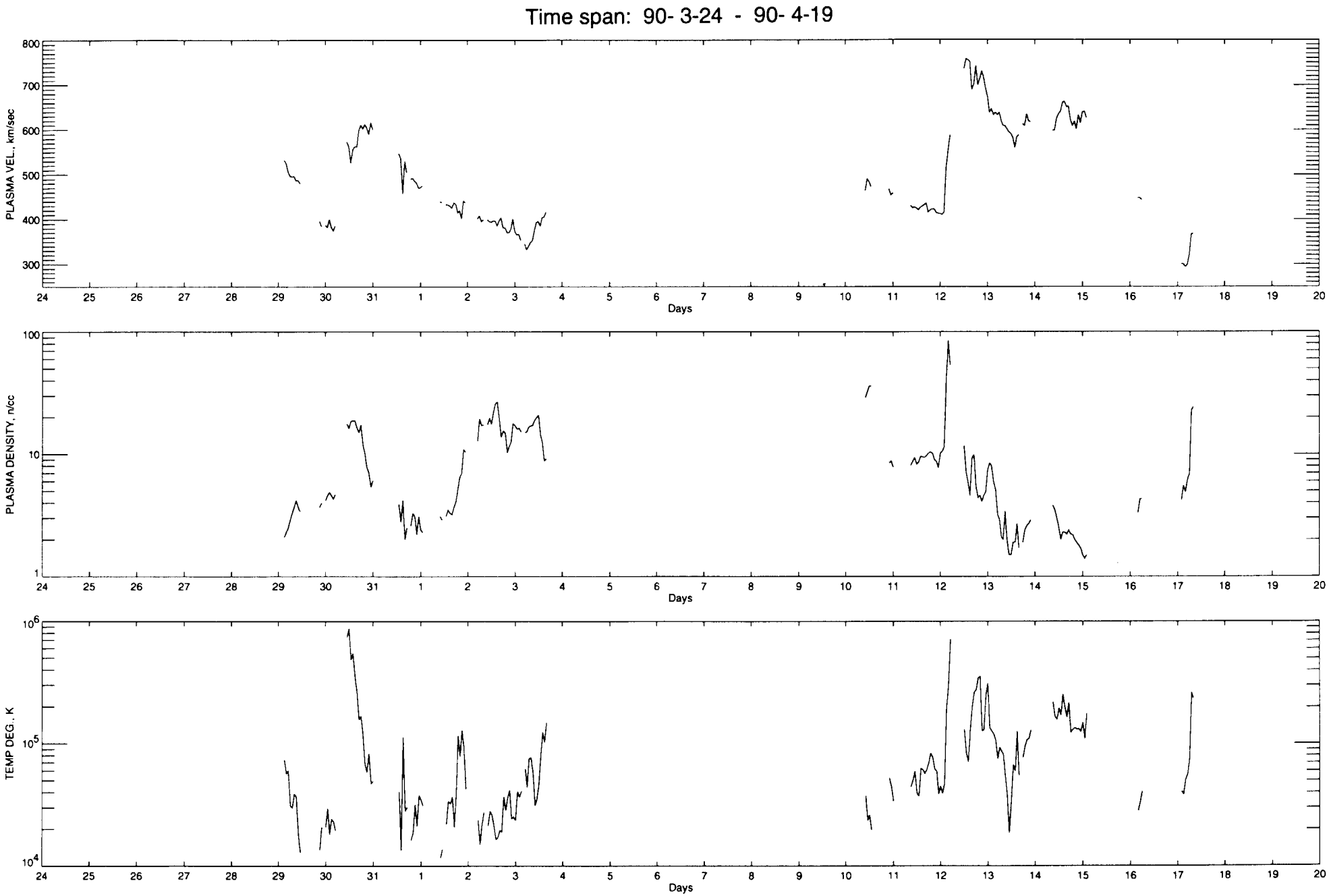
Time span: 90- 1-29 - 90- 2-24



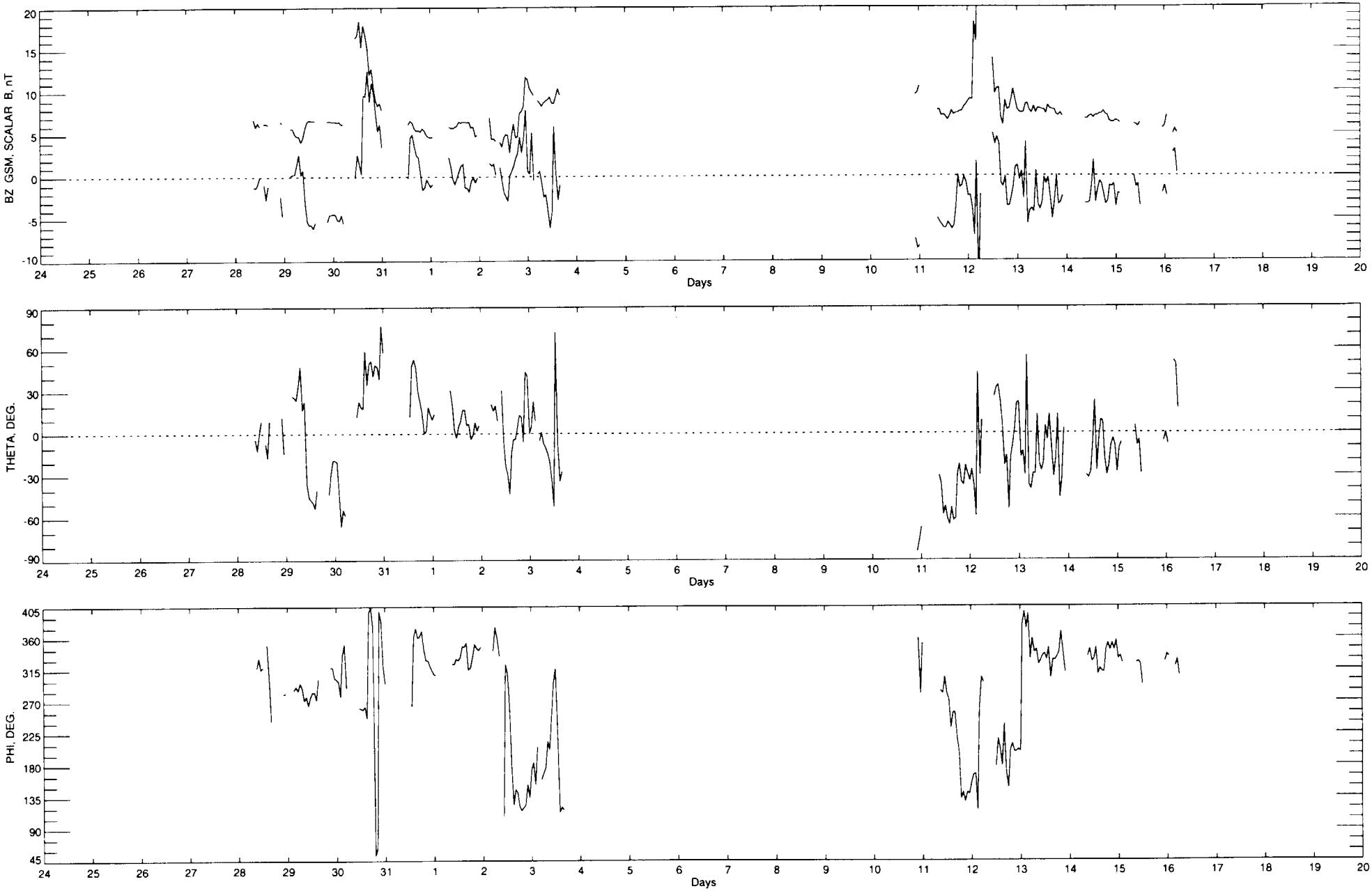
Time span: 90- 2-25 - 90- 3-23



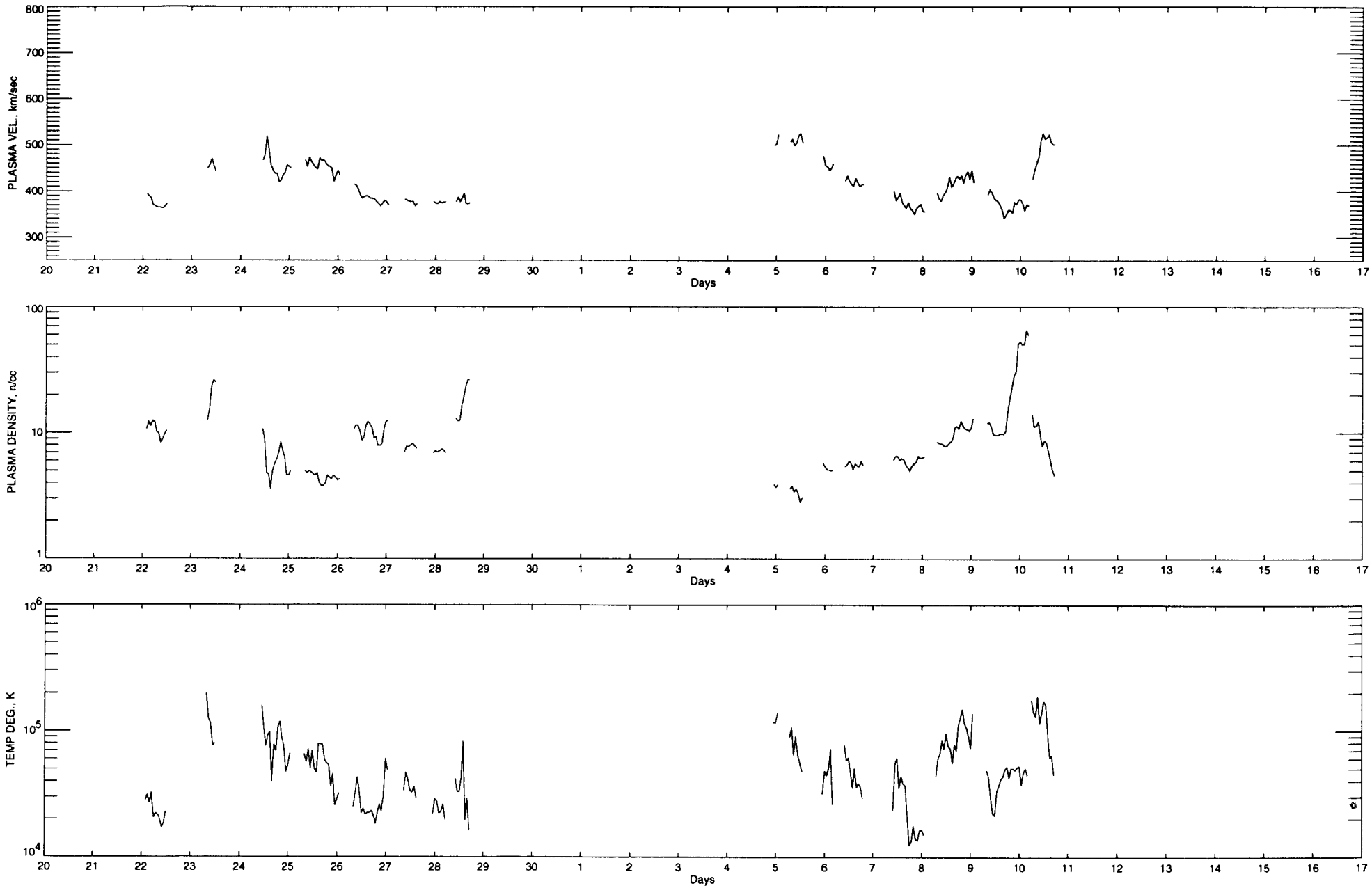

Time span: 90- 2-25 - 90- 3-23
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days
25 26 27 28 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

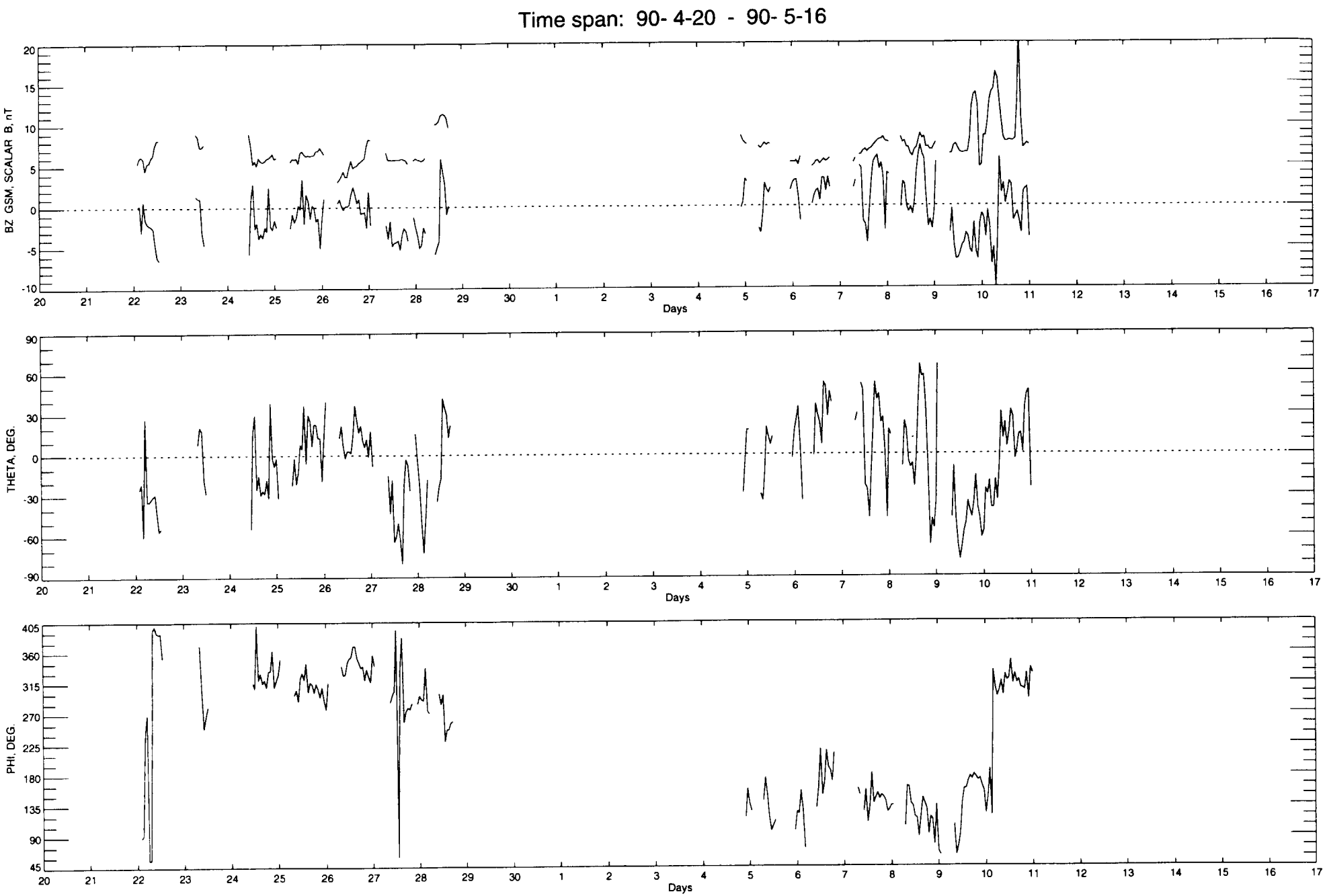

Time span: 90- 3-24 - 90- 4-19
PLASMA VEL., km/sec
800
700
600
500
400
300
24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
Days
PLASMA DENSITY, n/cc
100
10
1
24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
Days
TEMP DEG., K
10^6
10^5
10^4
24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
Days

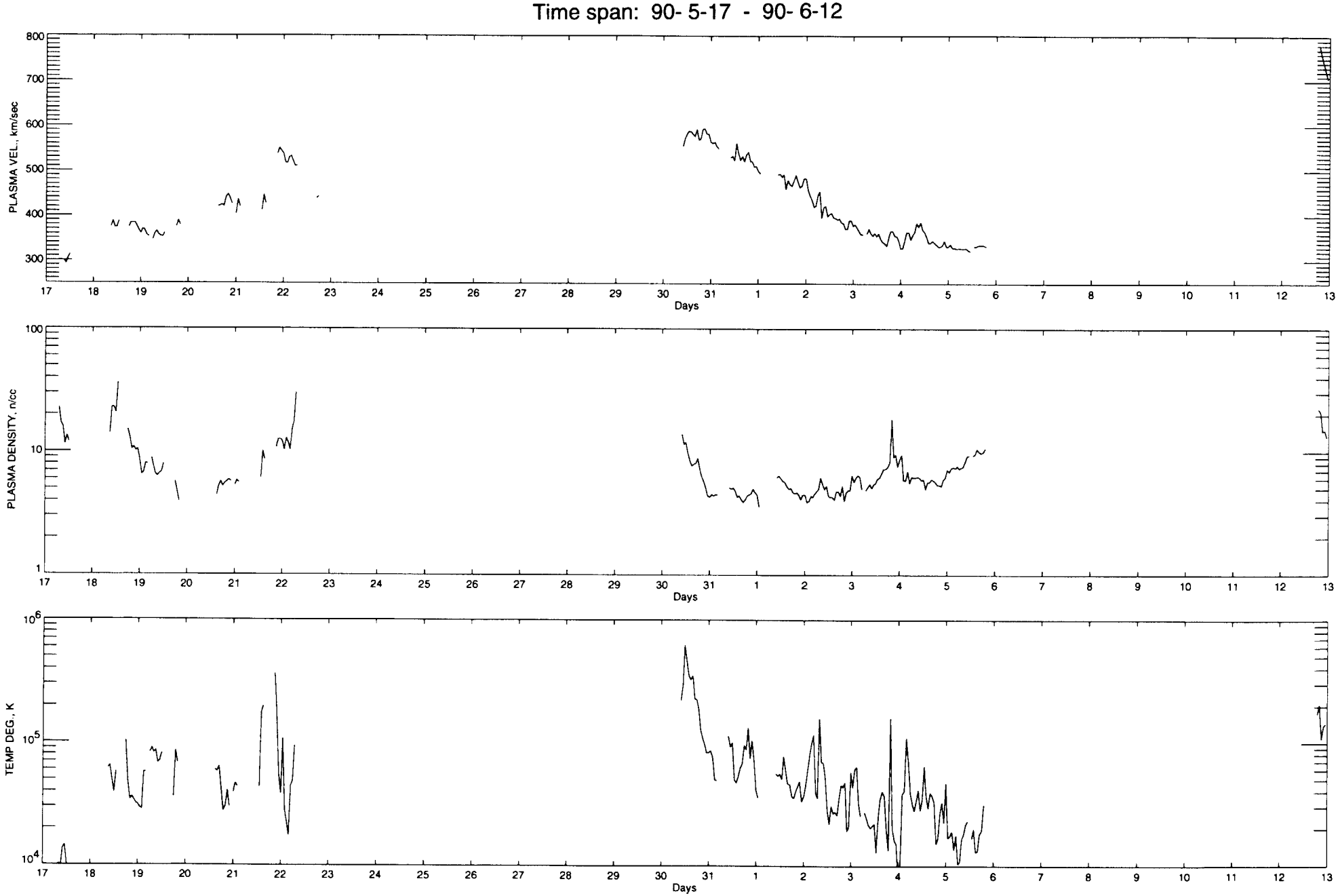
Time span: 90- 3-24 - 90- 4-19



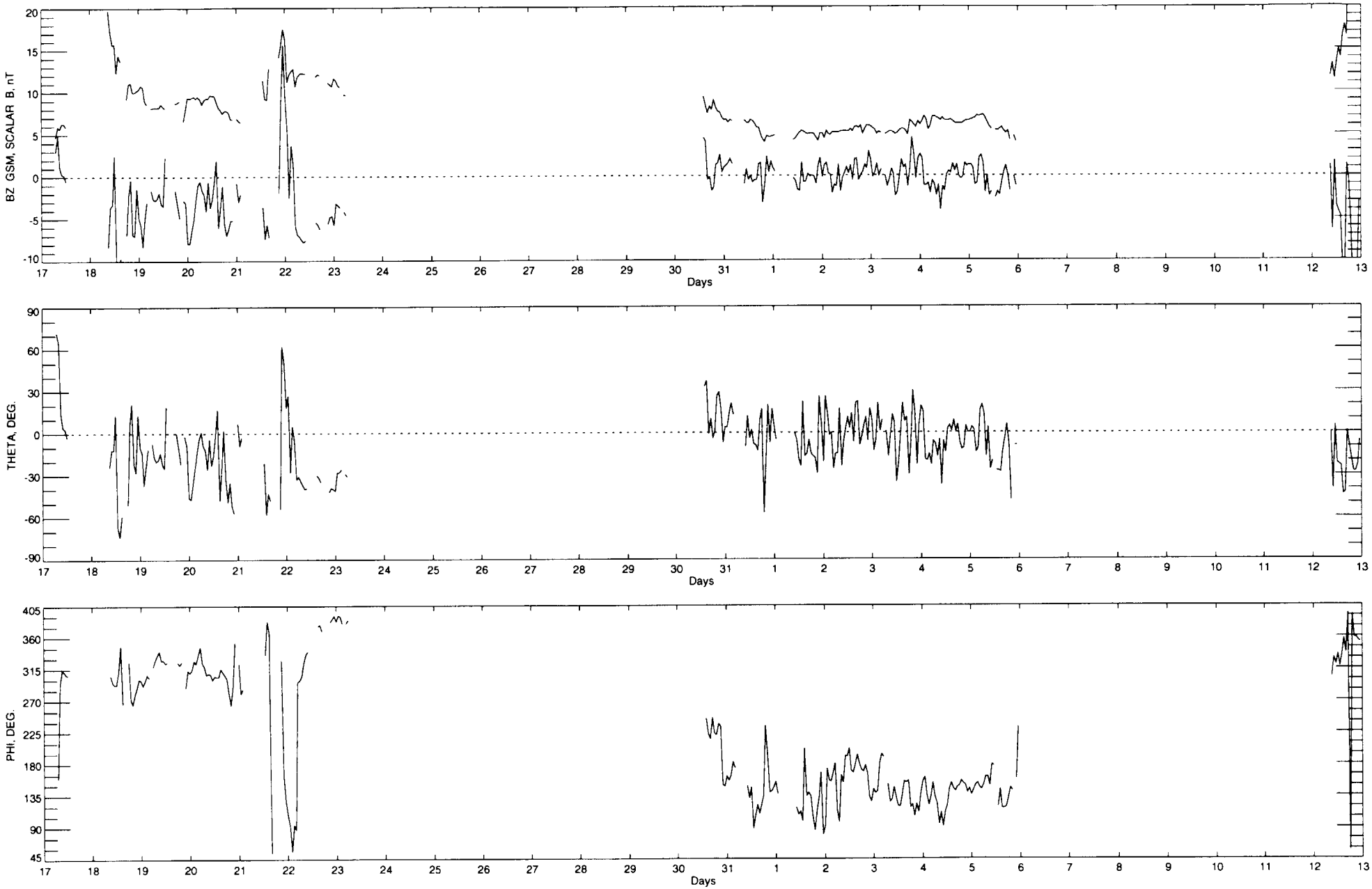
Time span: 90- 4-20 - 90- 5-16



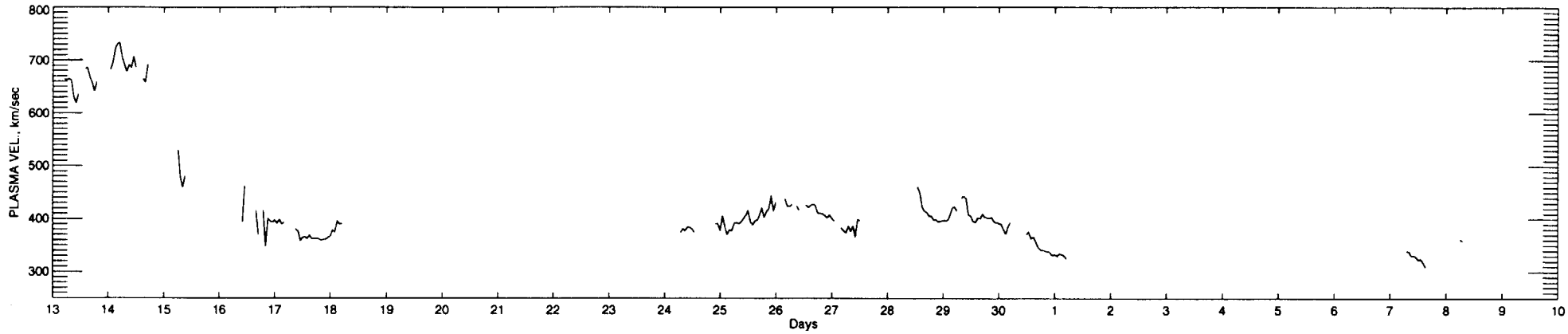

Time span: 90- 4-20 - 90- 5-16
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days

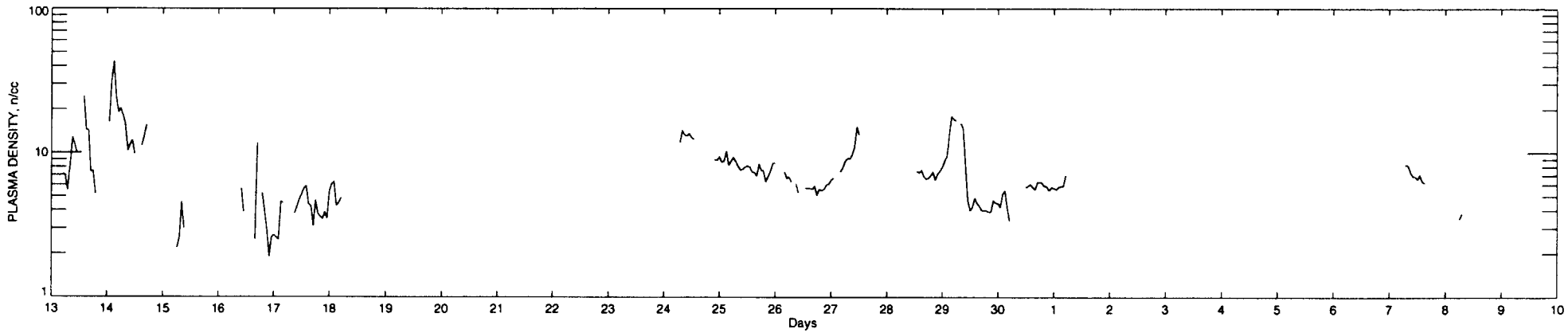

Time span: 90- 5-17 - 90- 6-12
PLASMA VEL., km/sec
800
700
600
500
400
300
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13
Days
PLASMA DENSITY, n/cc
100
10
1
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13
Days
TEMP DEG., K
10^6
10^5
10^4
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13
Days

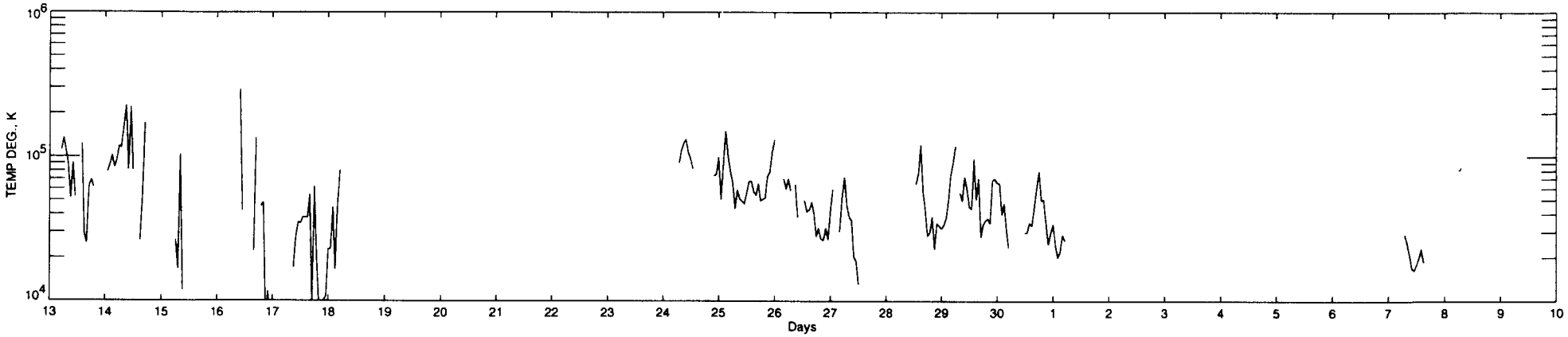
Time span: 90- 5-17 - 90- 6-12

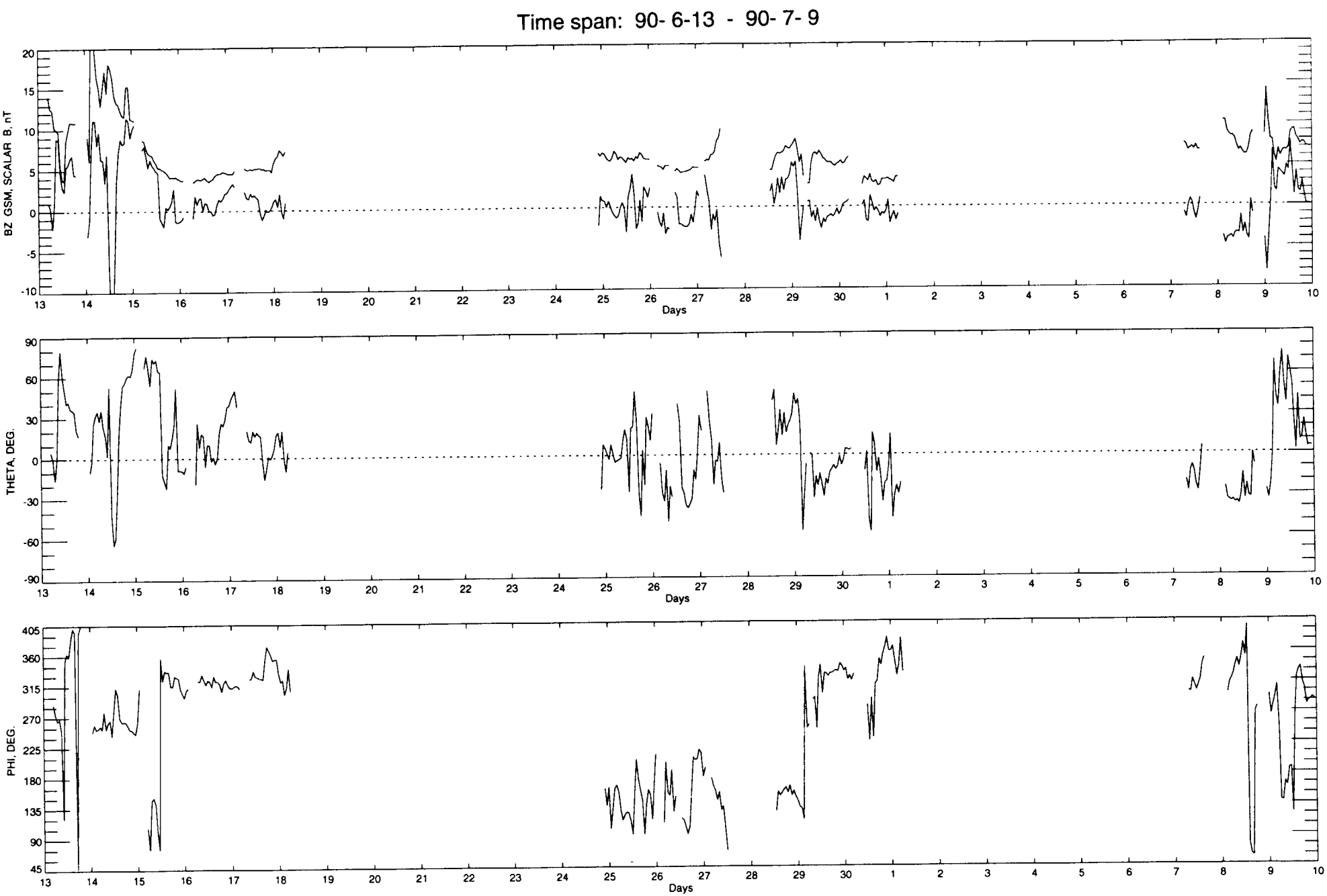


Time span: 90- 6-13 - 90- 7- 9

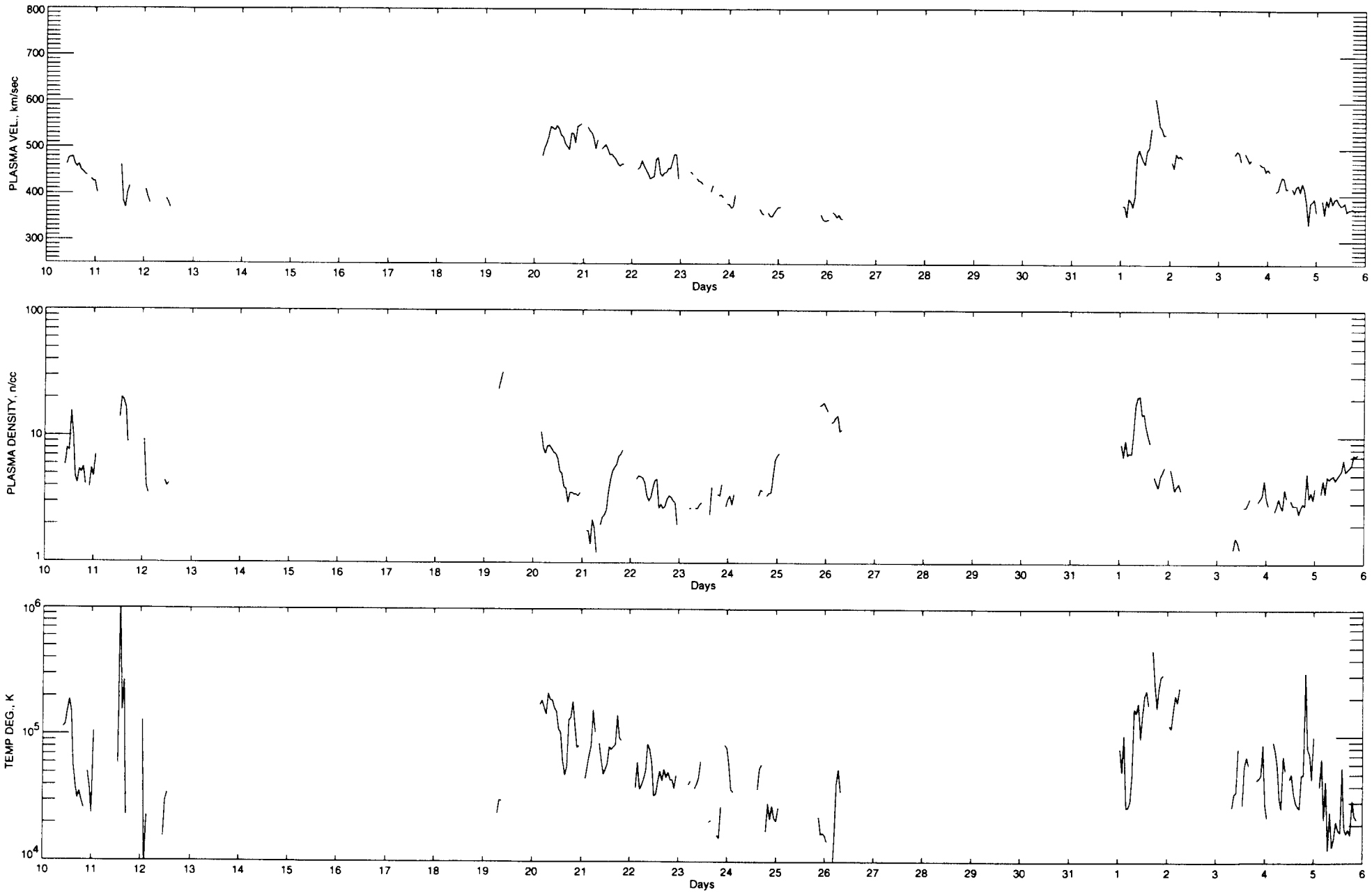




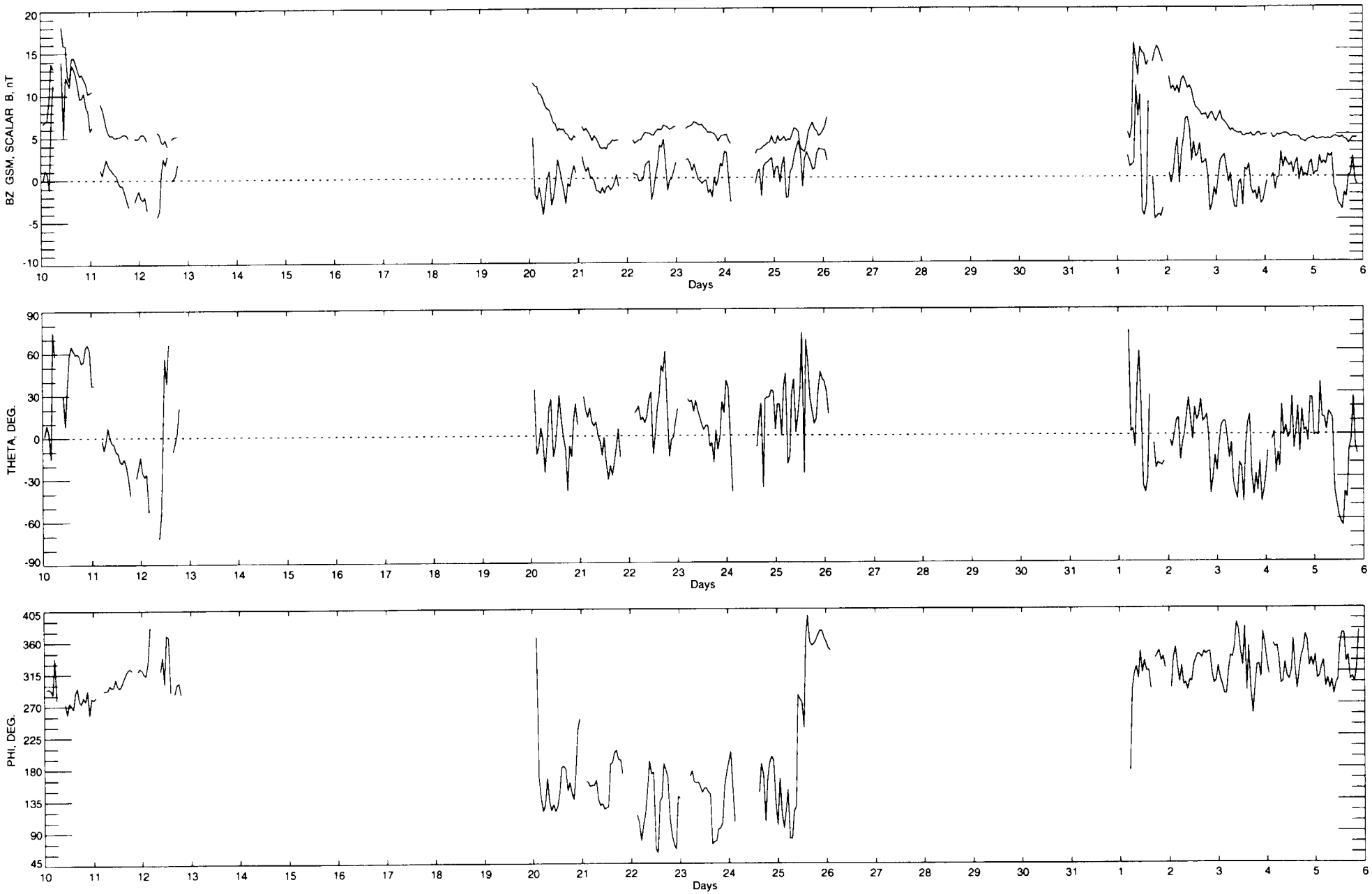



Time span: 90- 6-13 - 90- 7- 9
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days

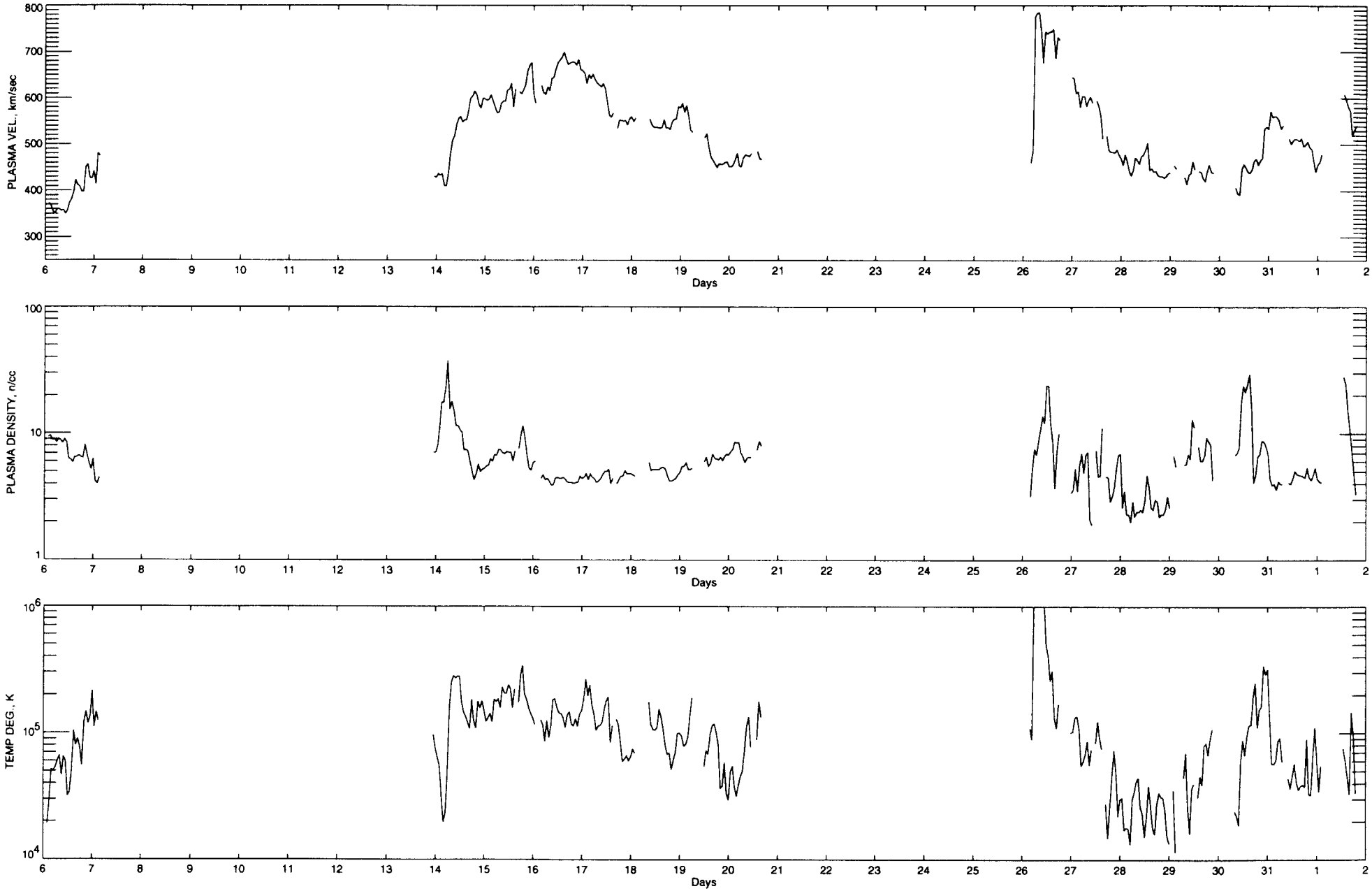
Time span: 90- 7-10 - 90- 8- 5



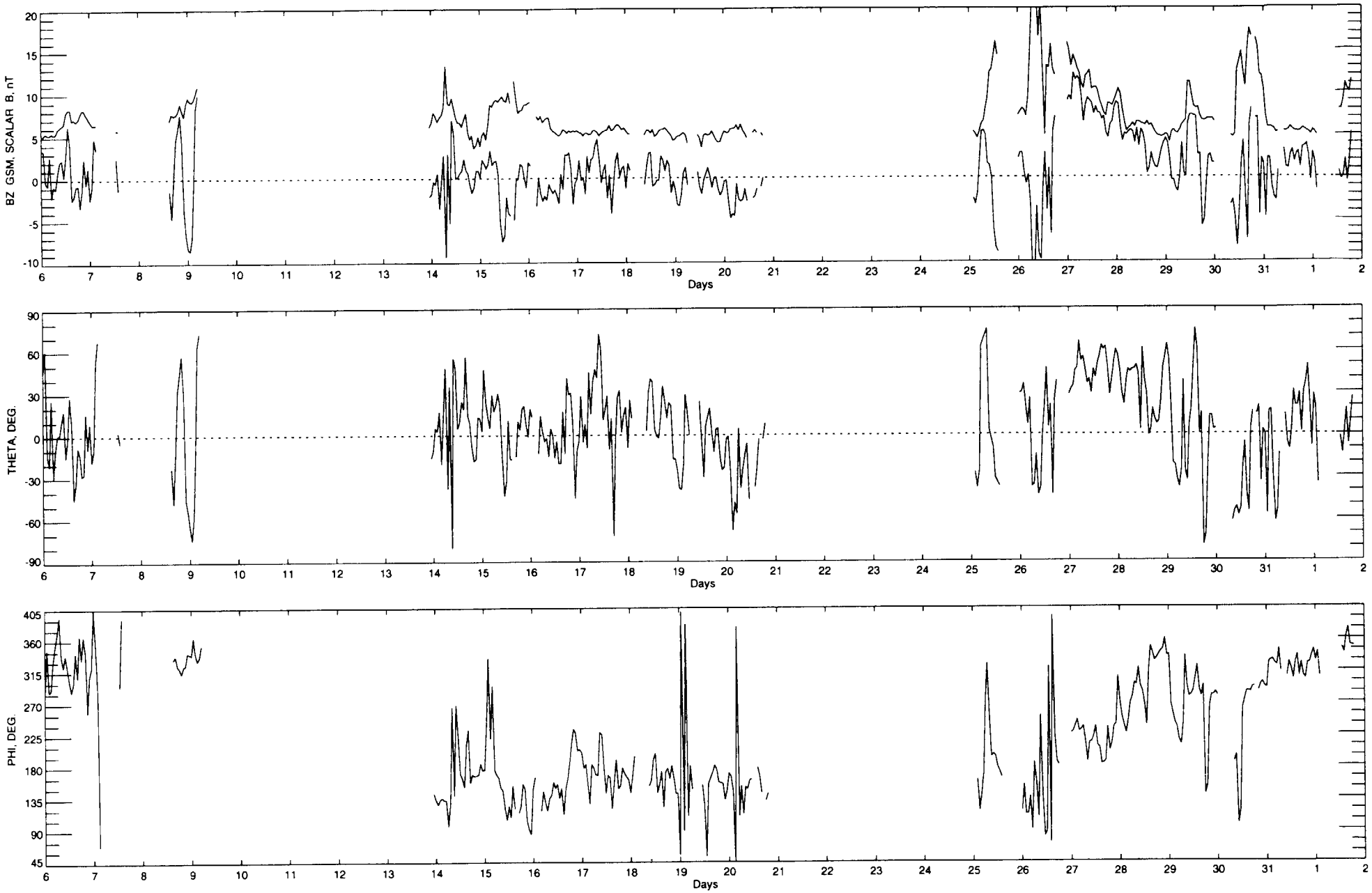
Time span: 90- 7-10 - 90- 8- 5



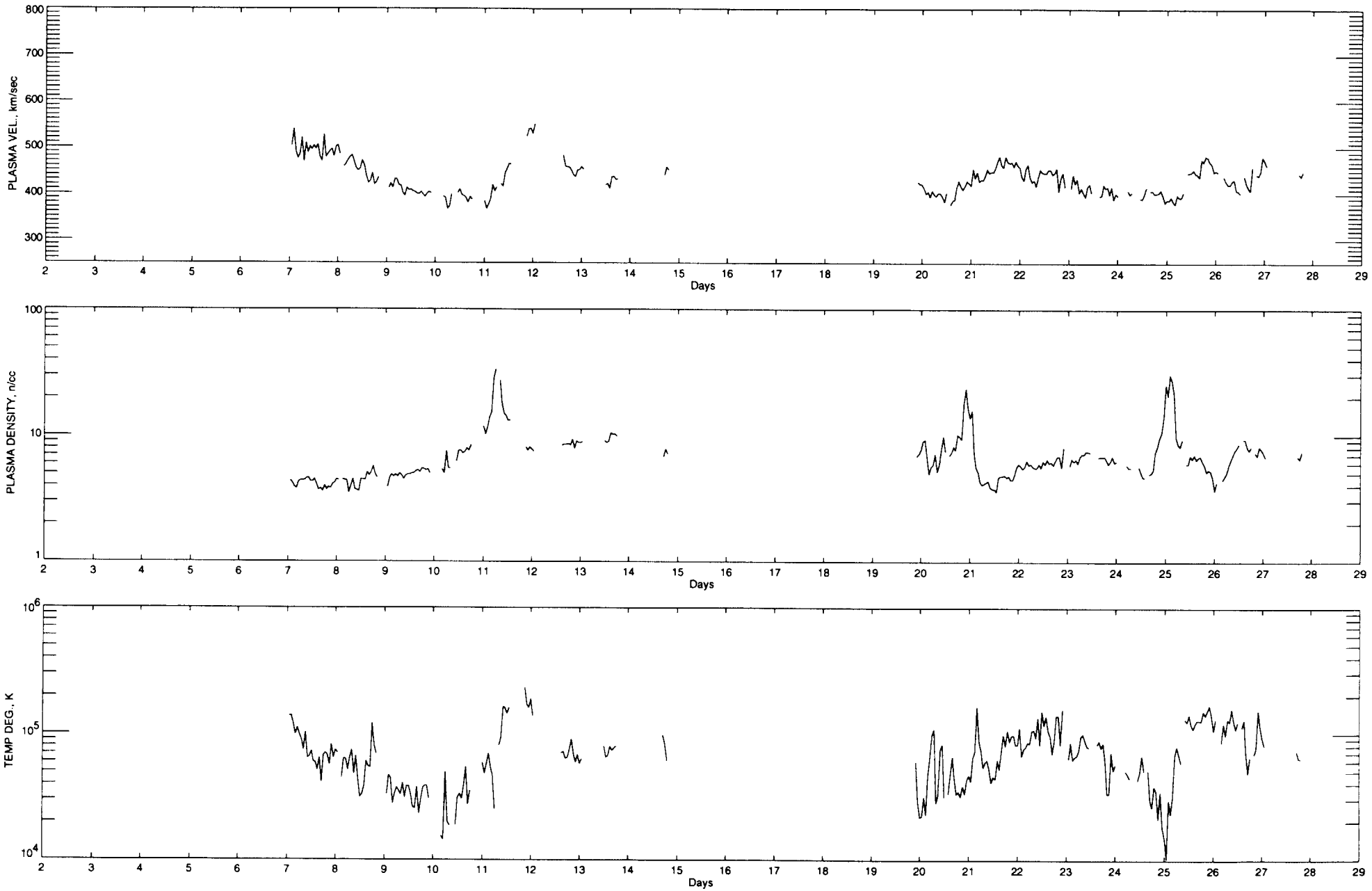
Time span: 90- 8- 6 - 90- 9- 1



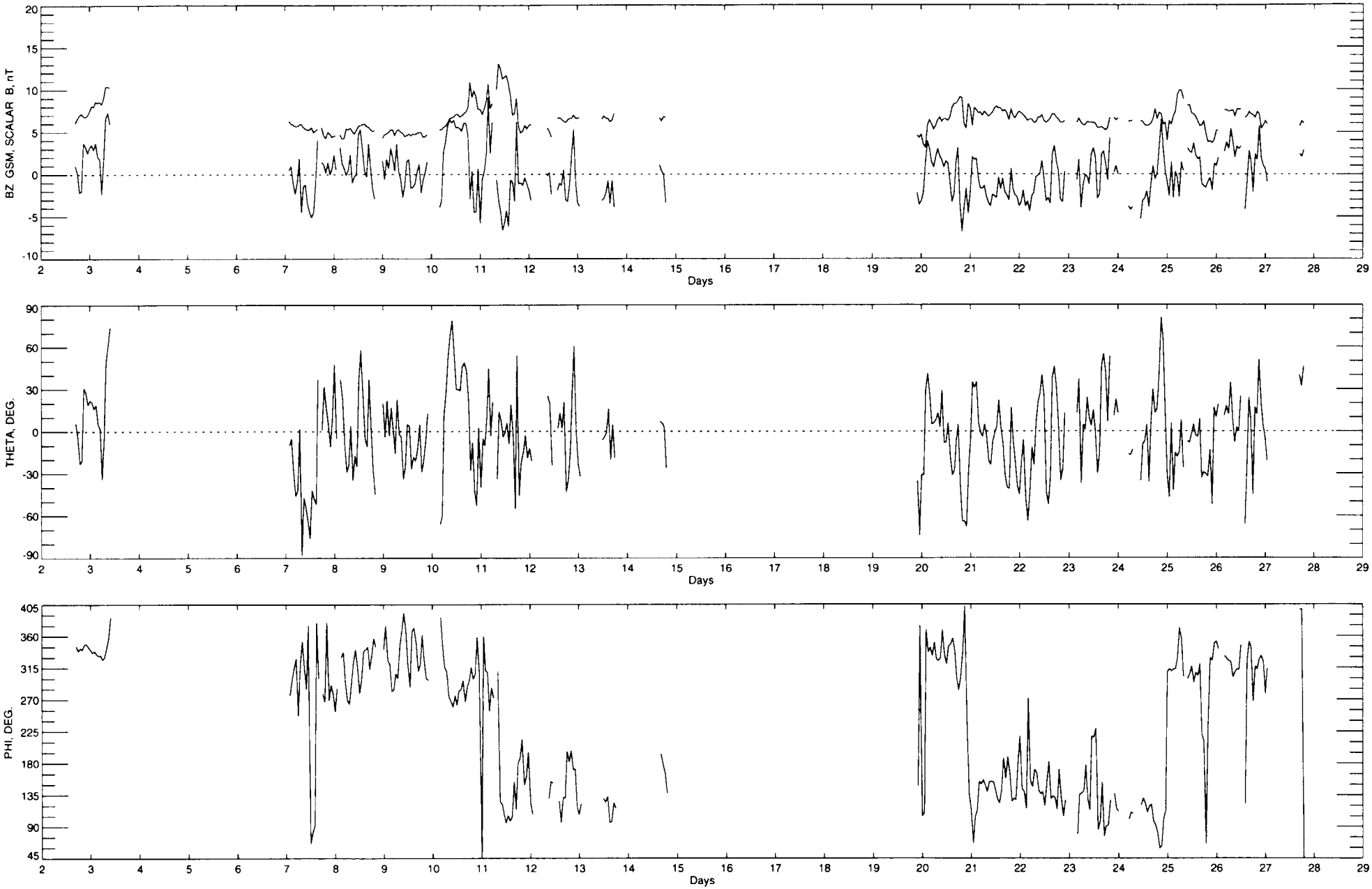
Time span: 90- 8- 6 - 90- 9- 1

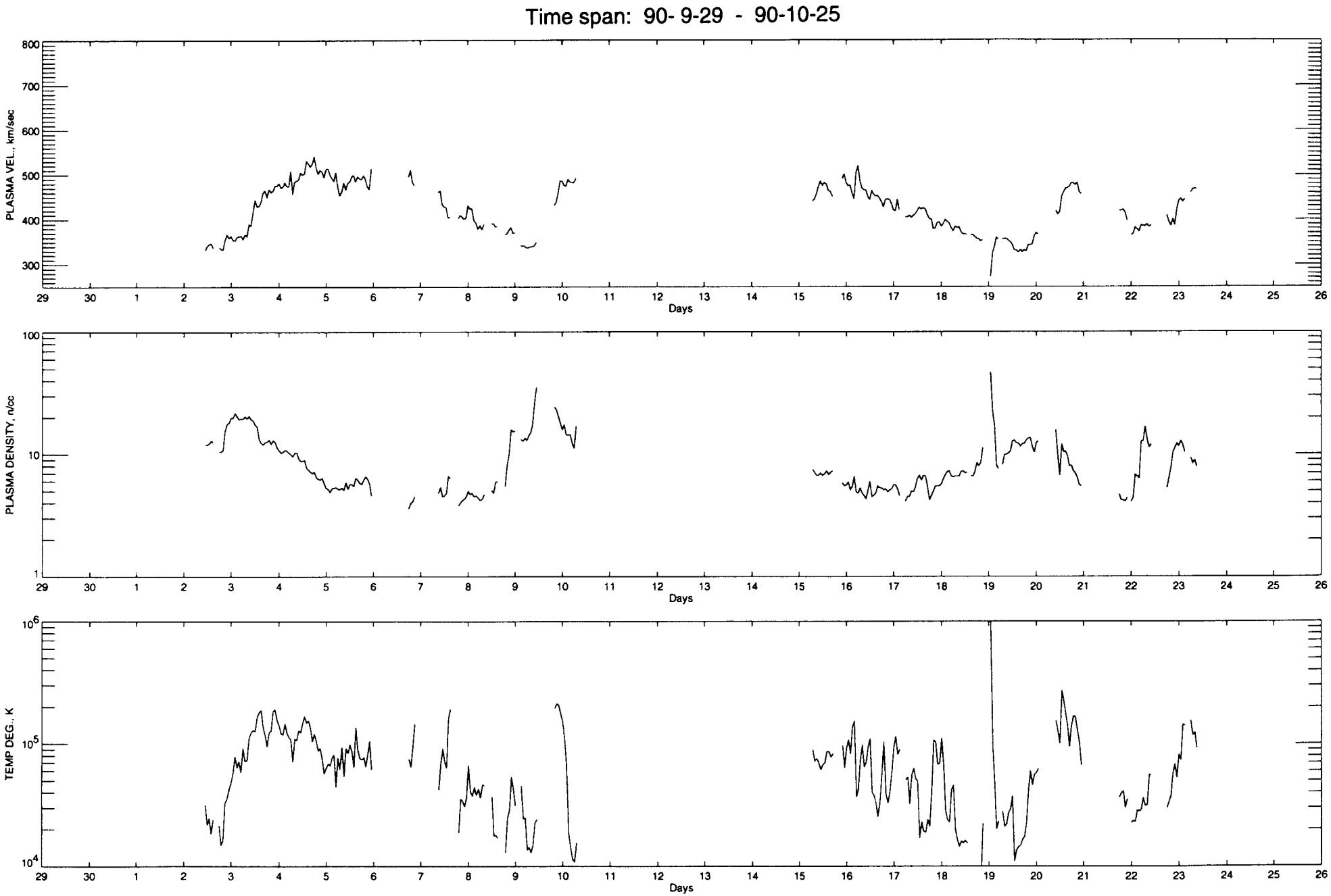


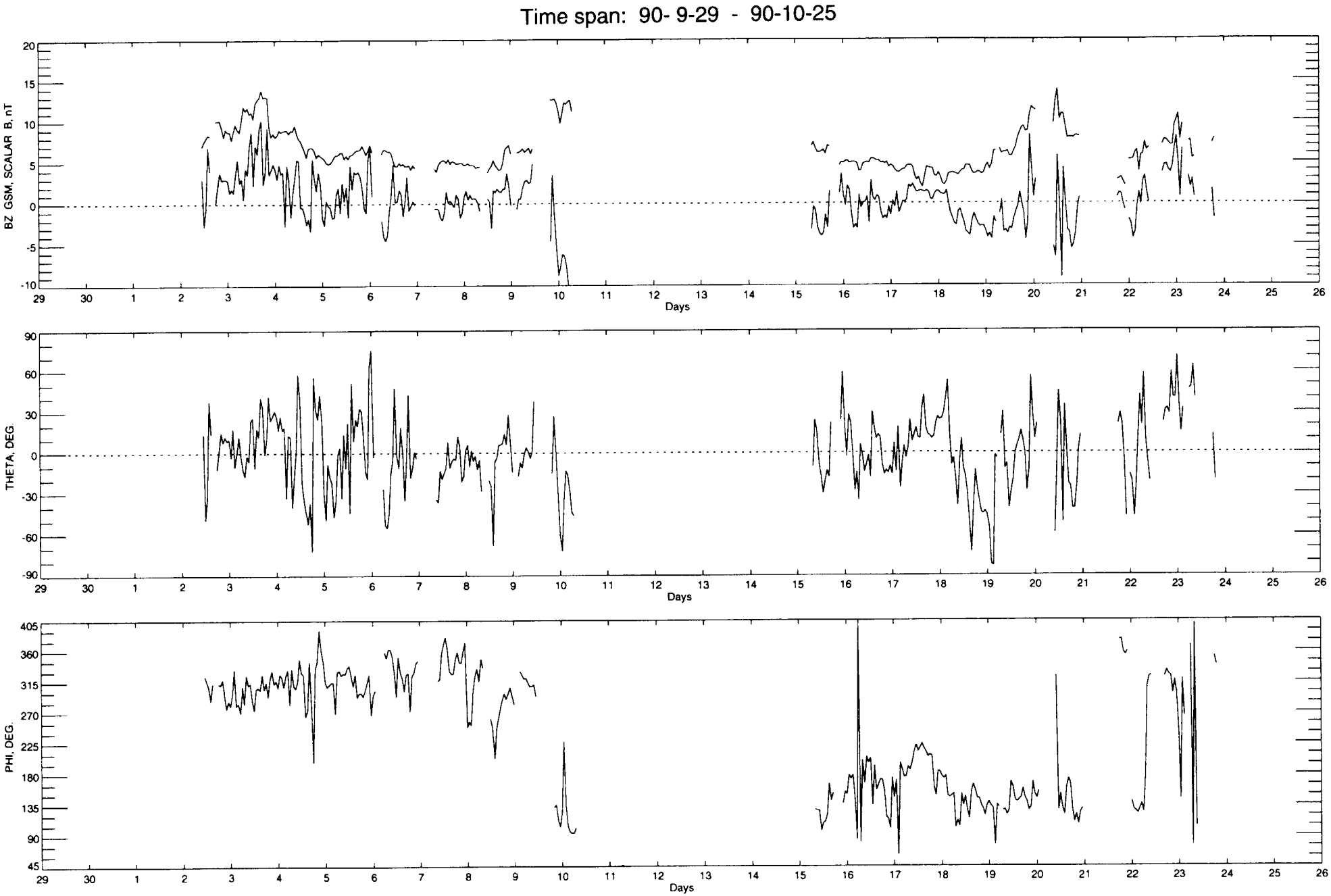
Time span: 90- 9- 2 - 90- 9-28



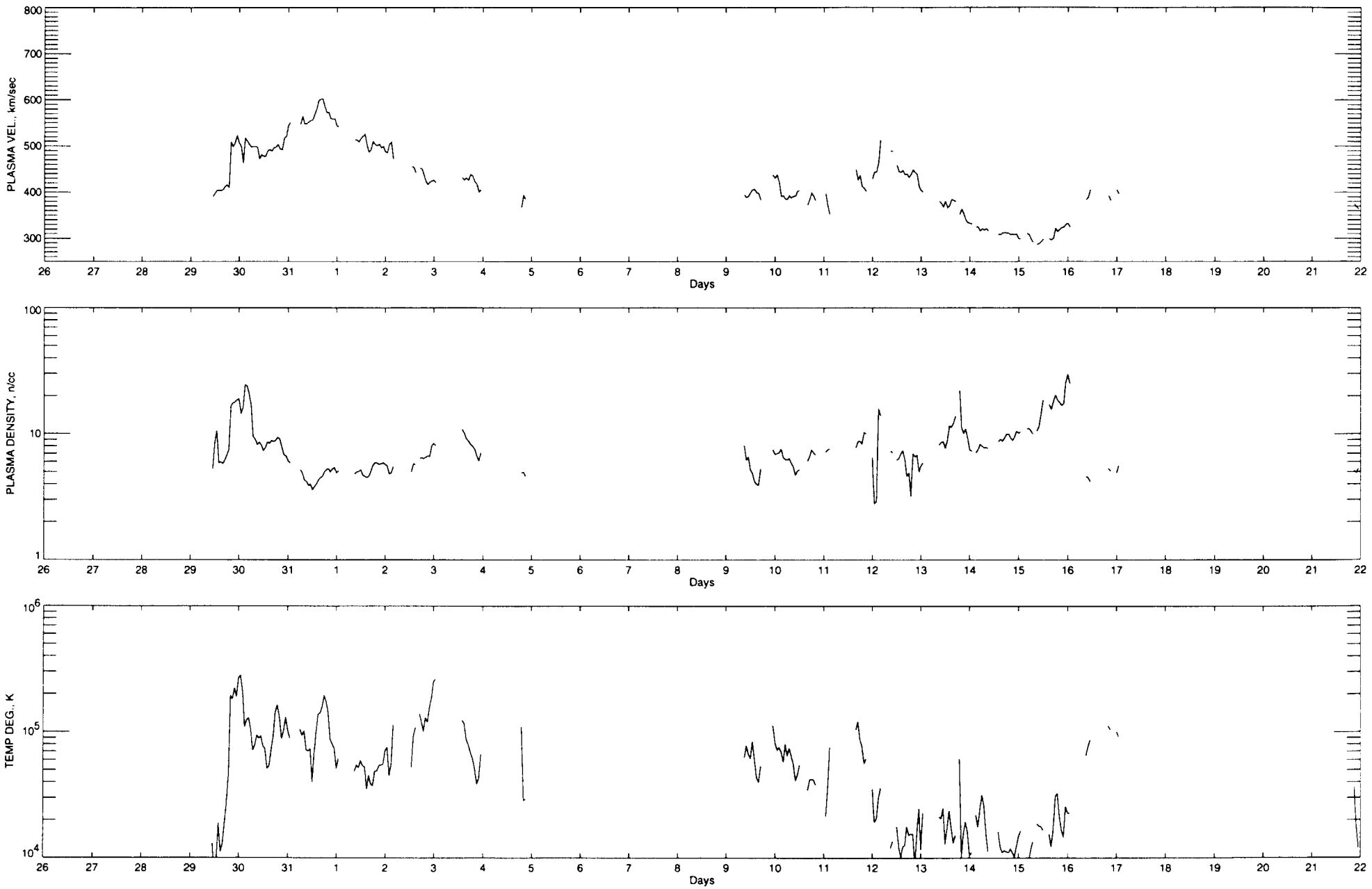
Time span: 90- 9- 2 - 90- 9-28



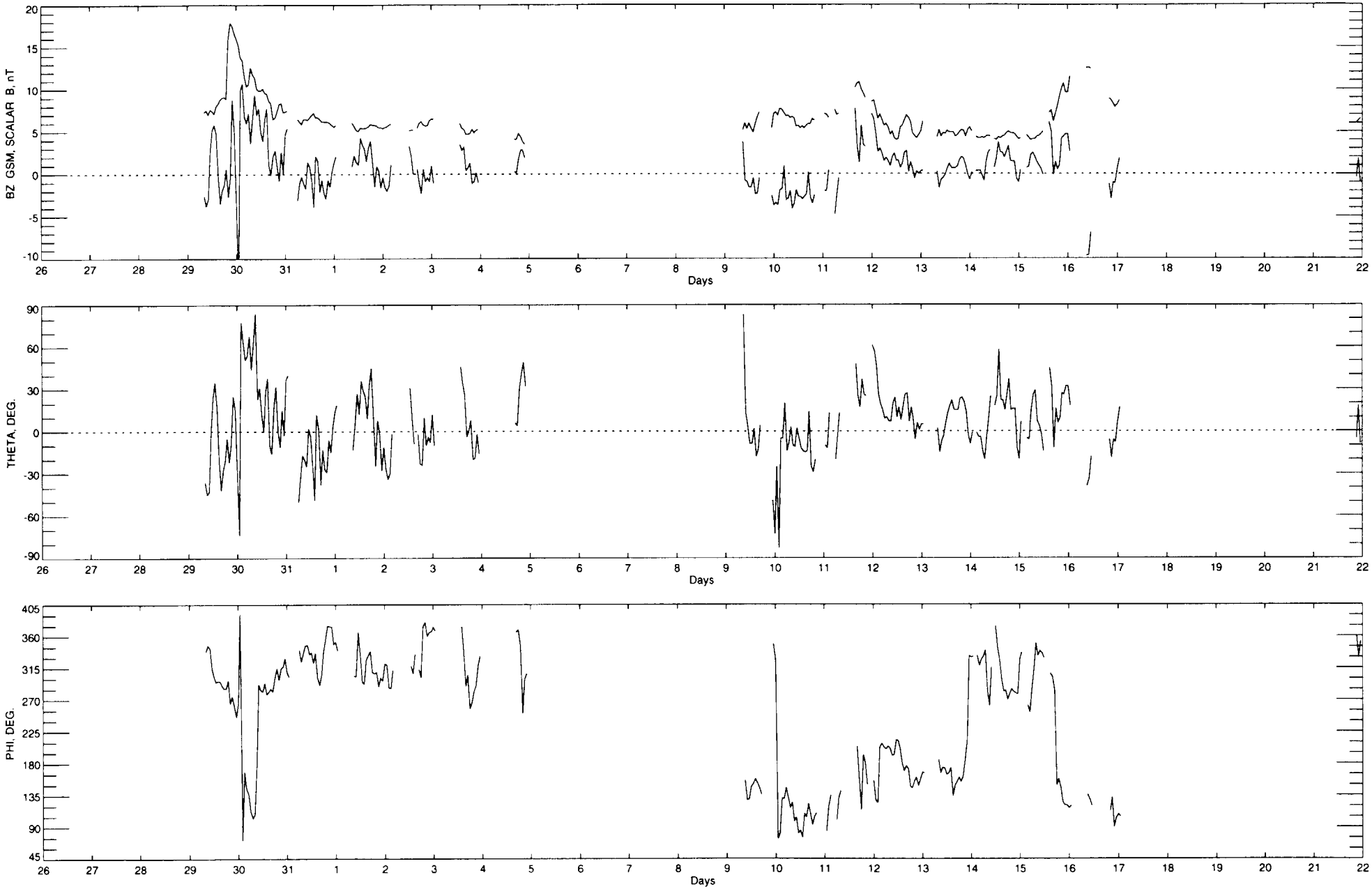

Time span: 90- 9-29 - 90-10-25
PLASMA VEL., km/sec
800
700
600
500
400
300
29 30 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26
Days
PLASMA DENSITY, n/cc
100
10
1
29 30 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26
Days
TEMP DEG., K
10^6
10^5
10^4
29 30 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26
Days


Time span: 90- 9-29 - 90-10-25
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days
Days
Days

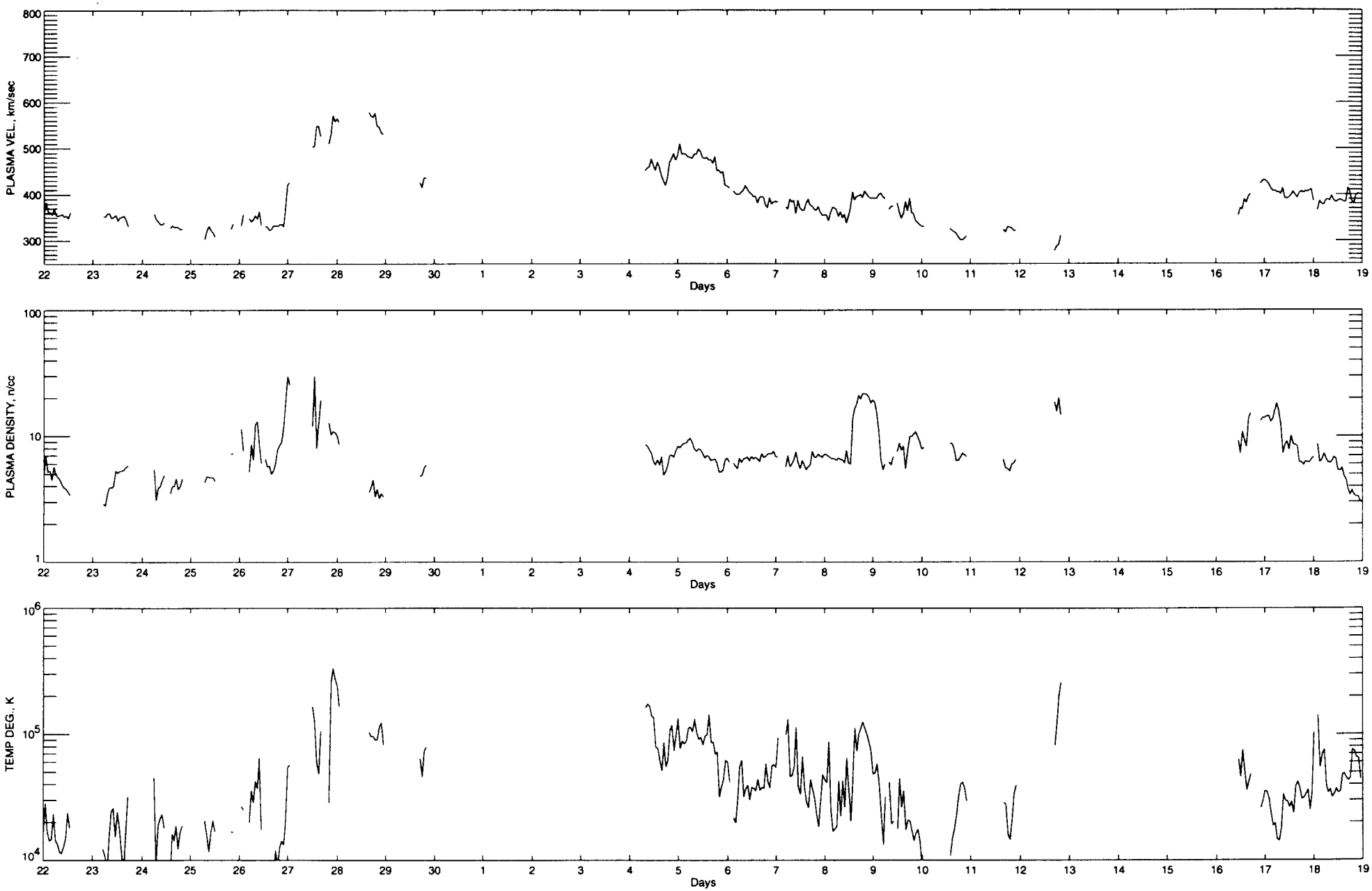
Time span: 90-10-26 - 90-11-21



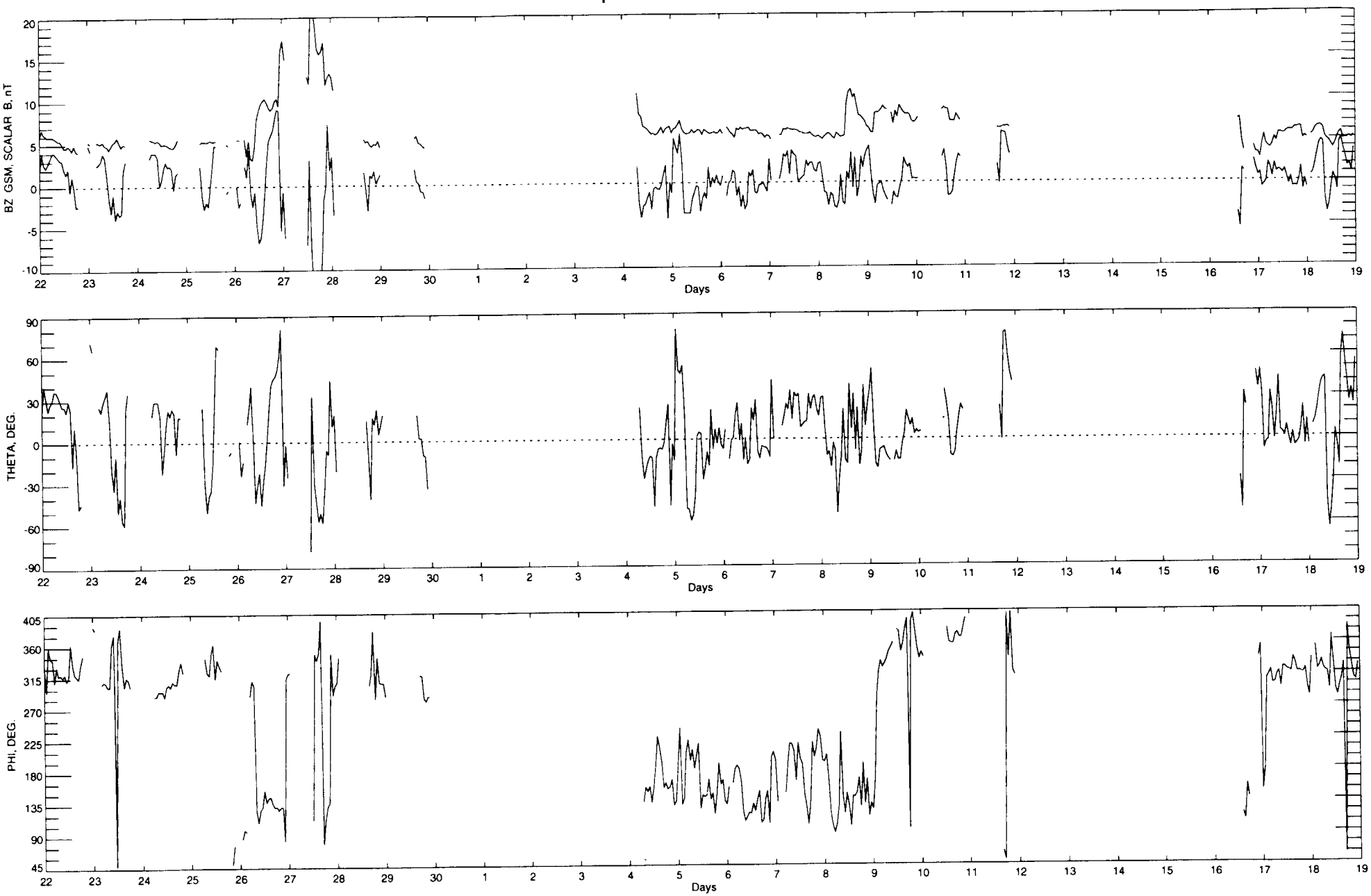
Time span: 90-10-26 - 90-11-21



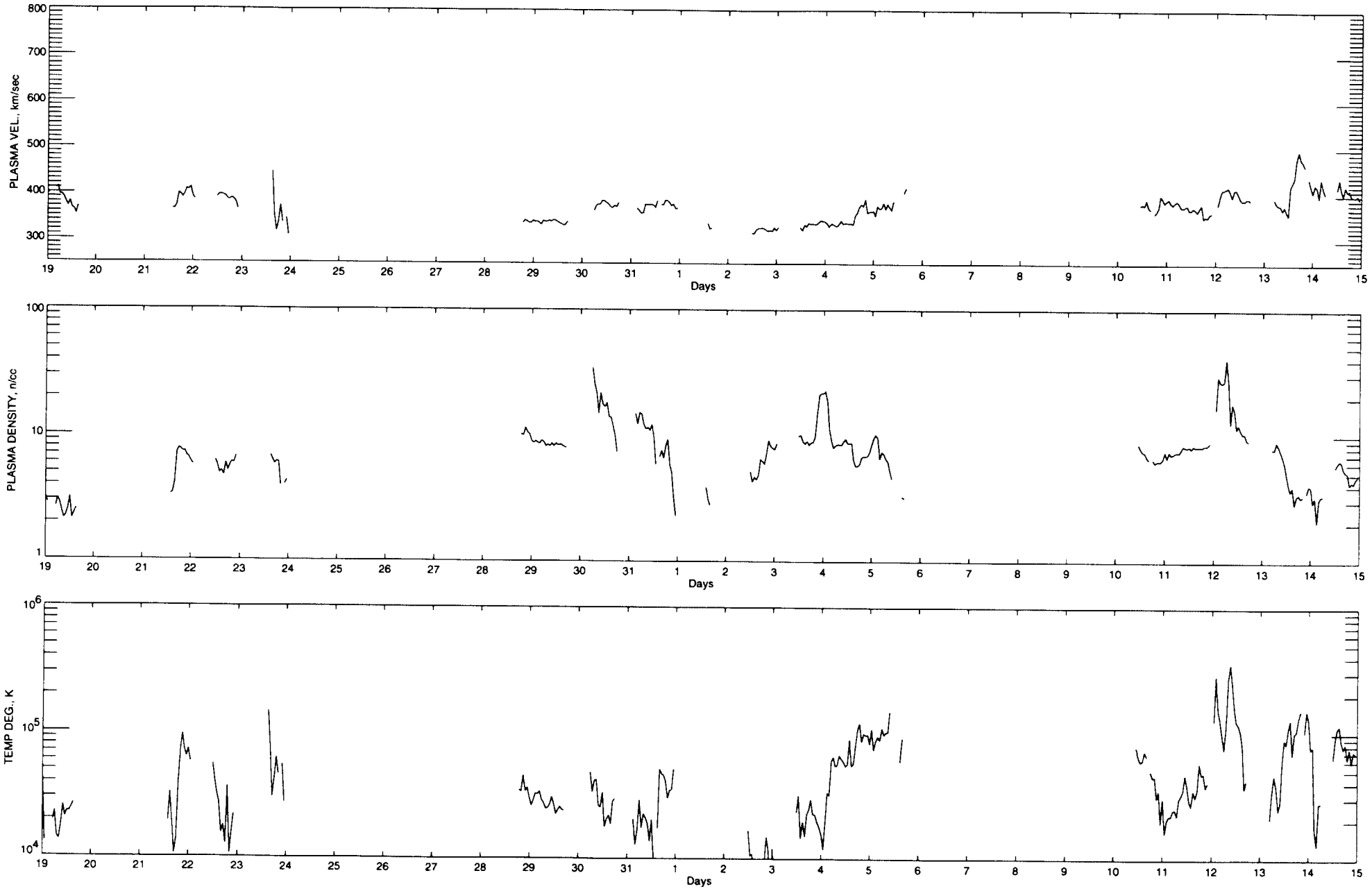
Time span: 90-11-22 - 90-12-18

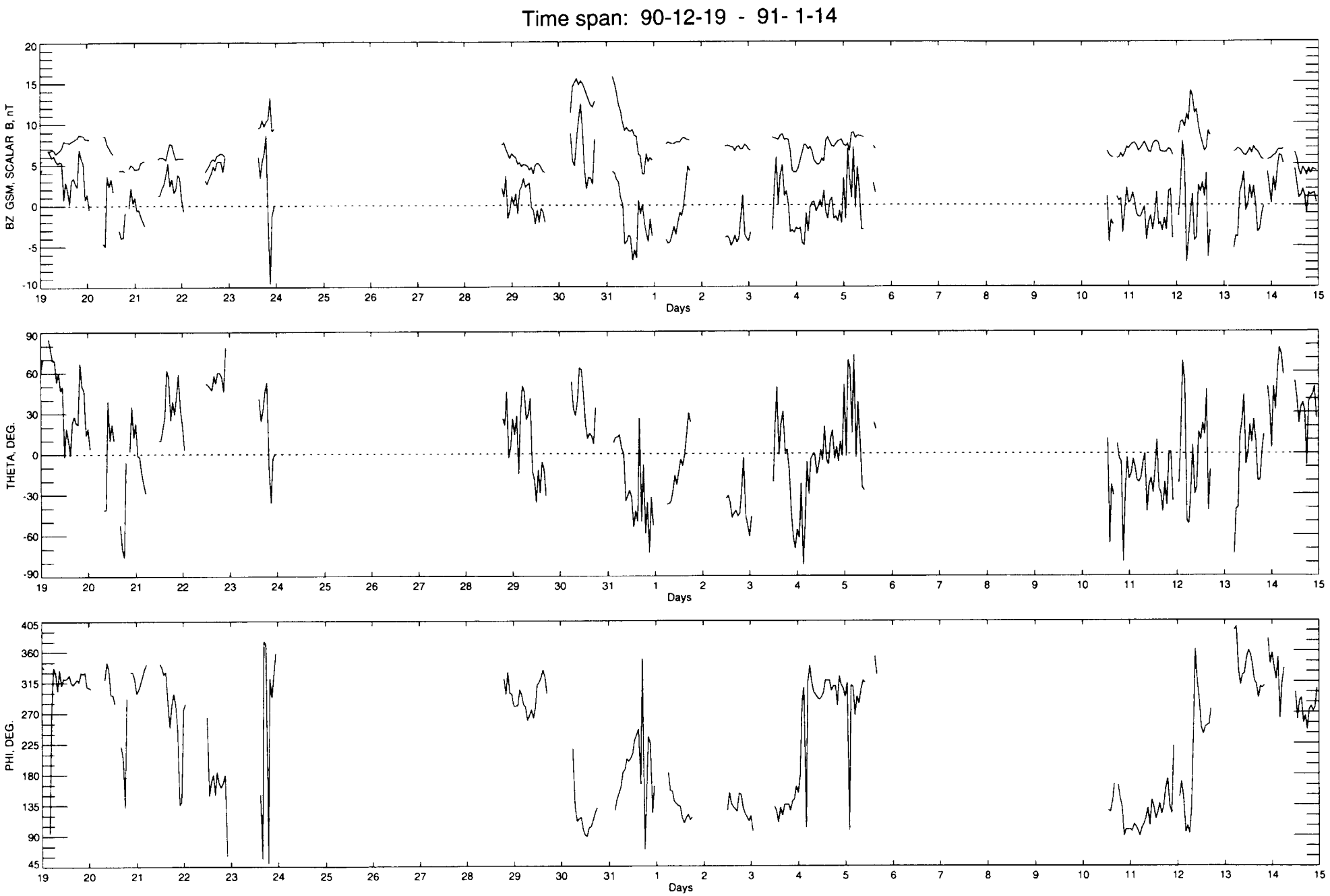


Time span: 90-11-22 - 90-12-18

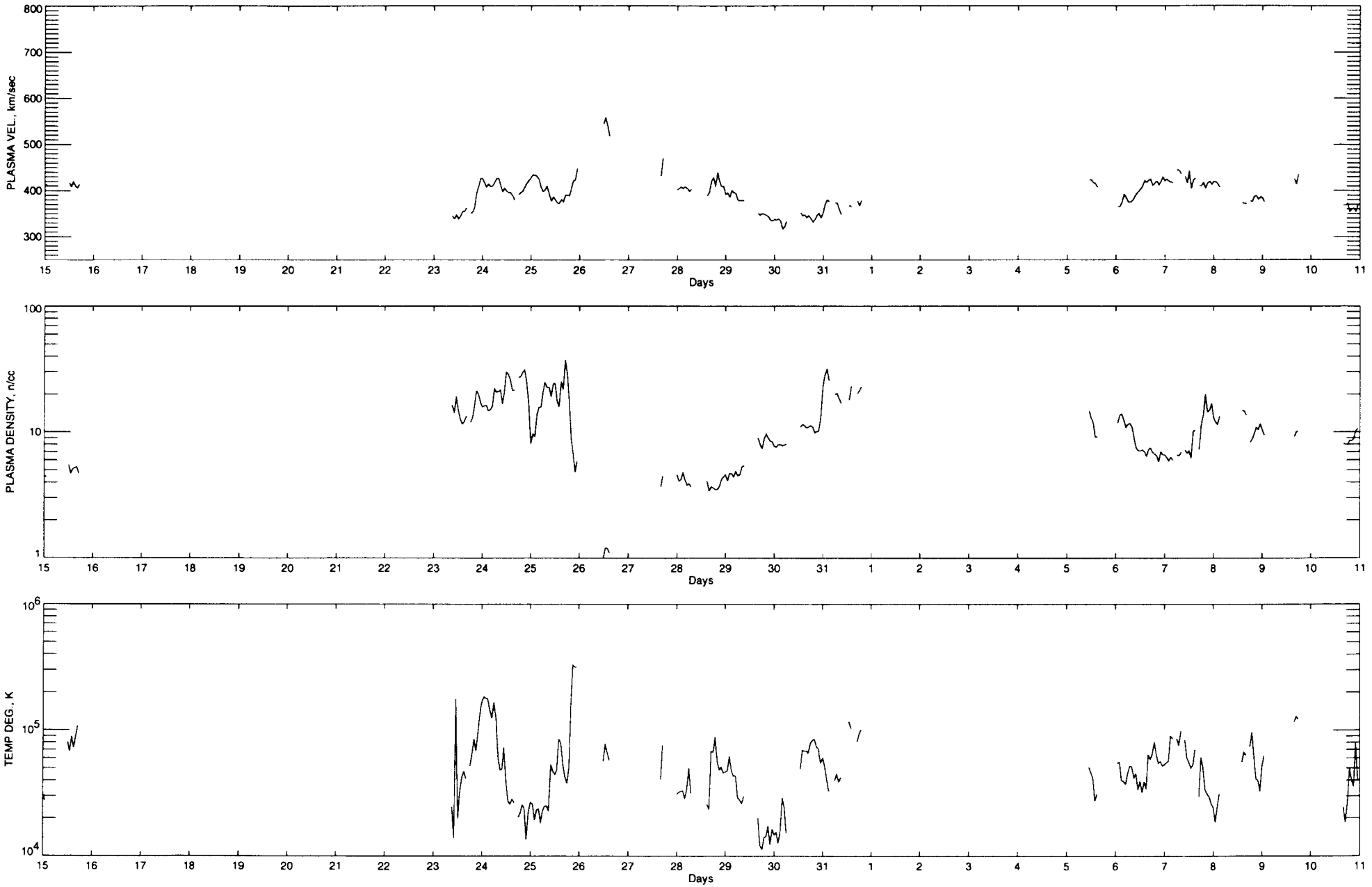


Time span: 90-12-19 - 91- 1-14

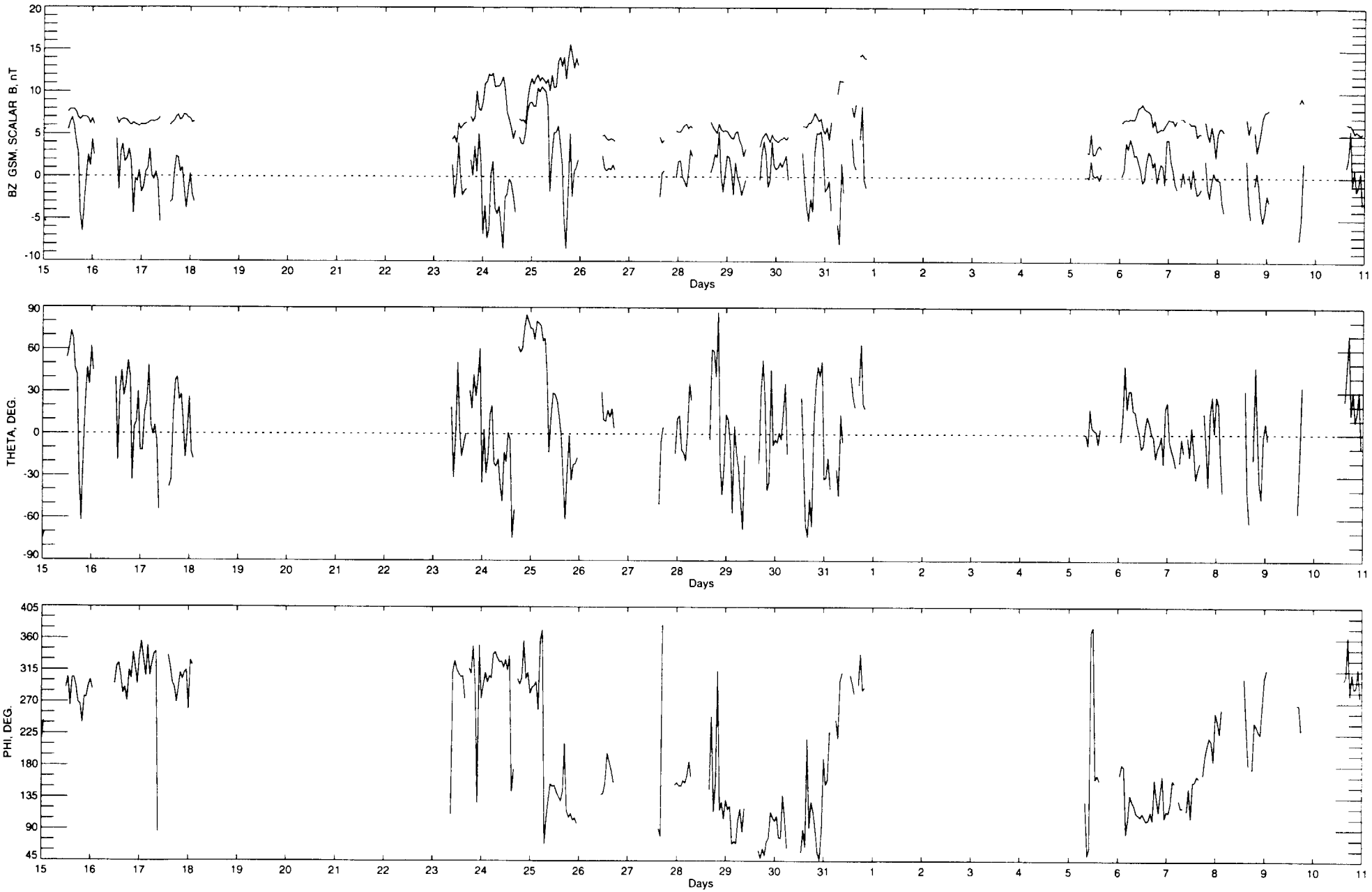



Time span: 90-12-19 - 91- 1-14
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days
Days
Days

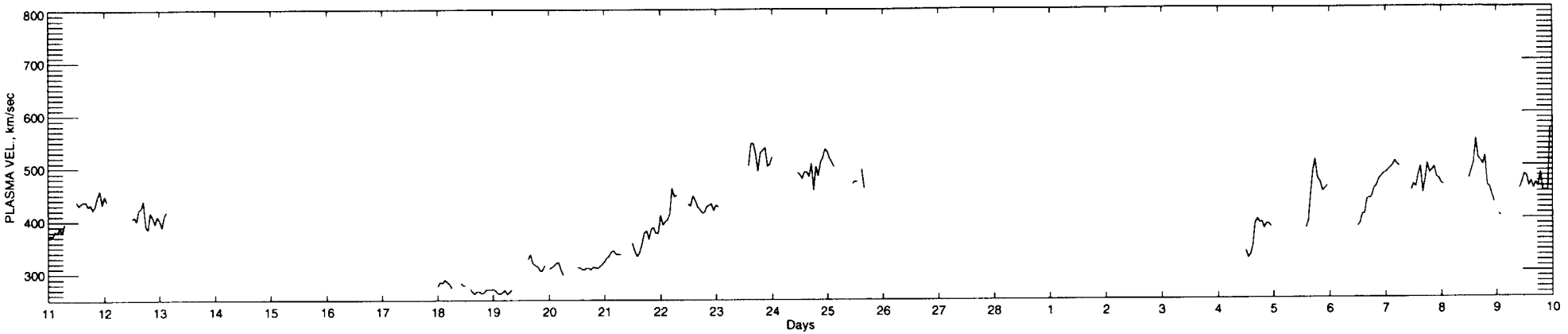
Time span: 91- 1-15 - 91- 2-10

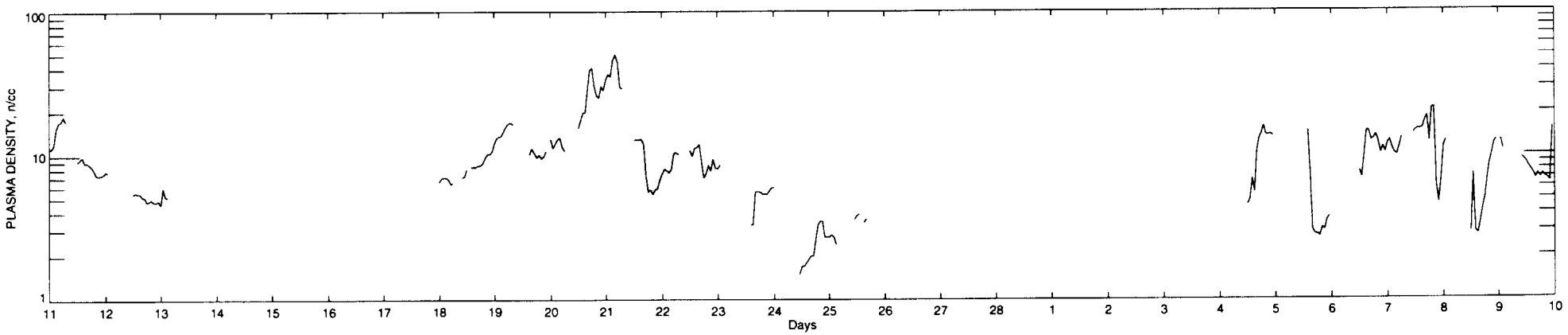


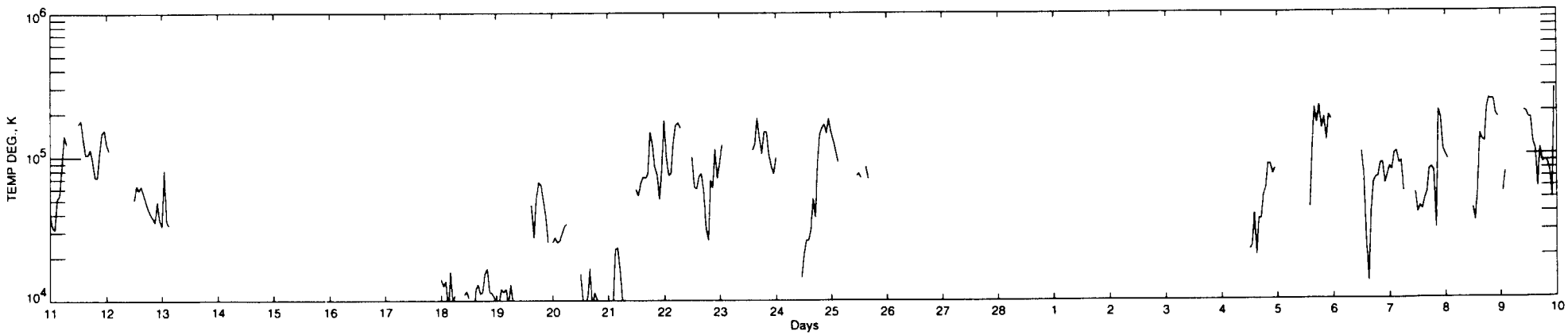
Time span: 91- 1-15 - 91- 2-10



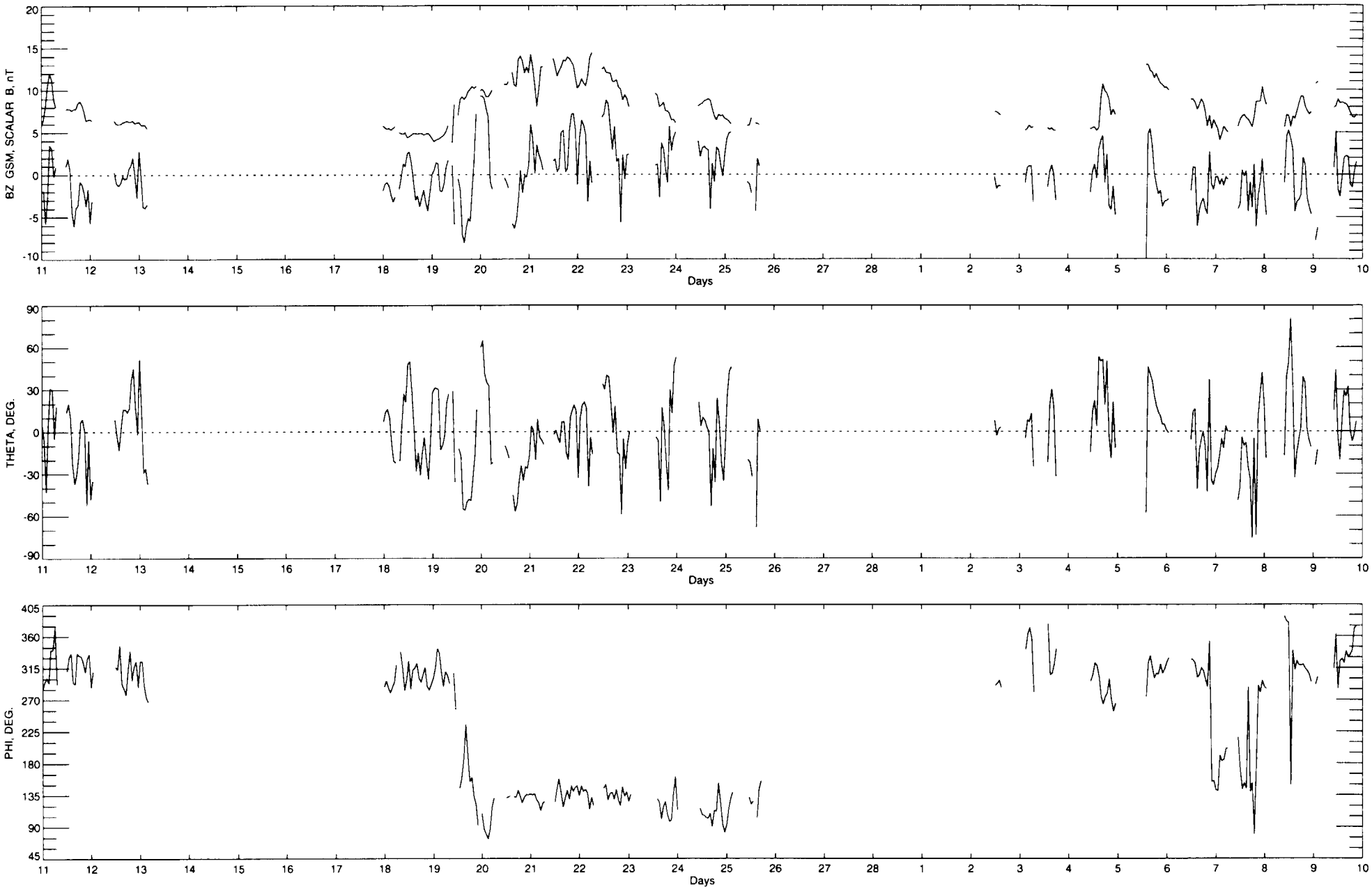
Time span: 91- 2-11 - 91- 3- 9



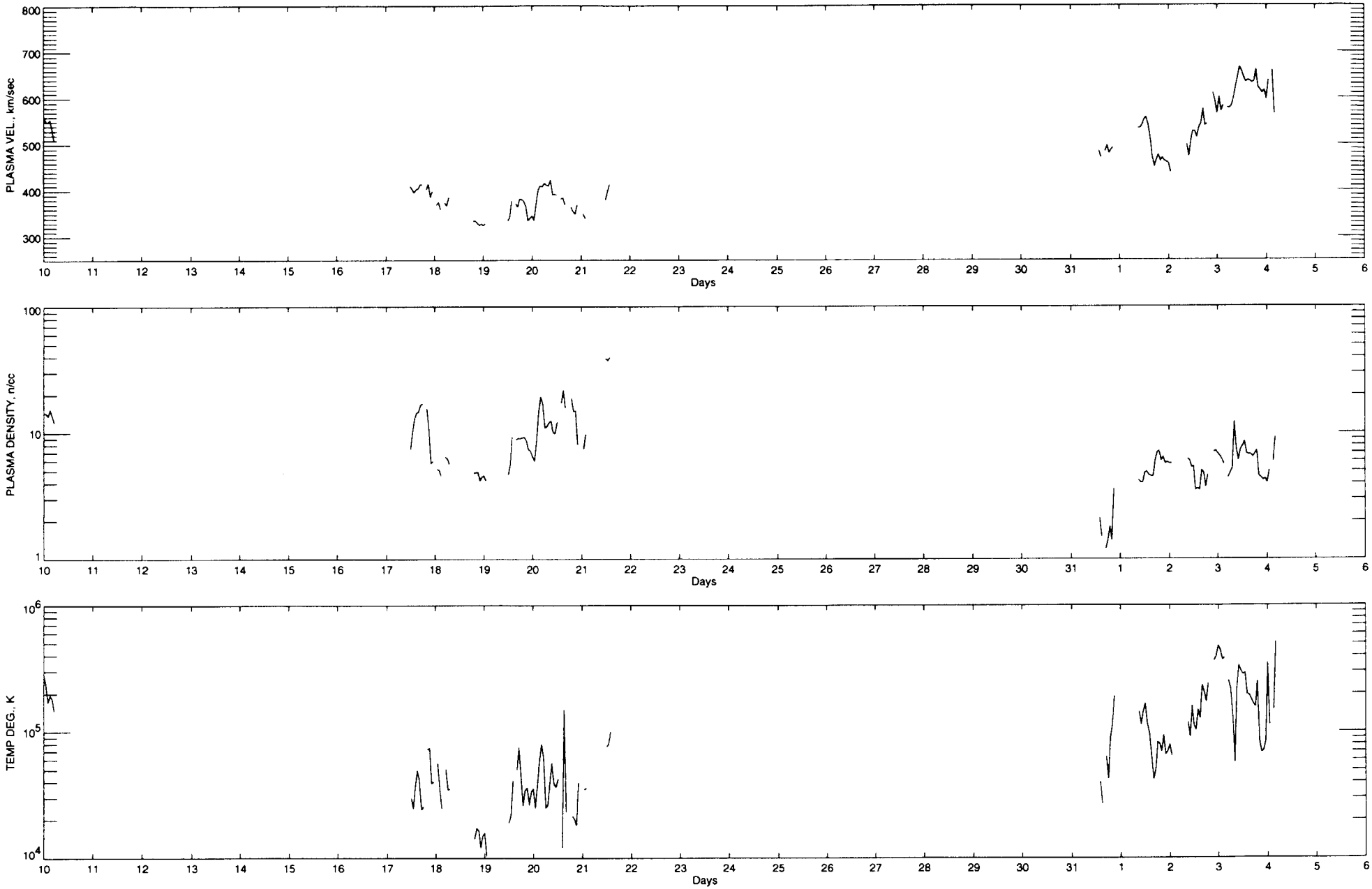


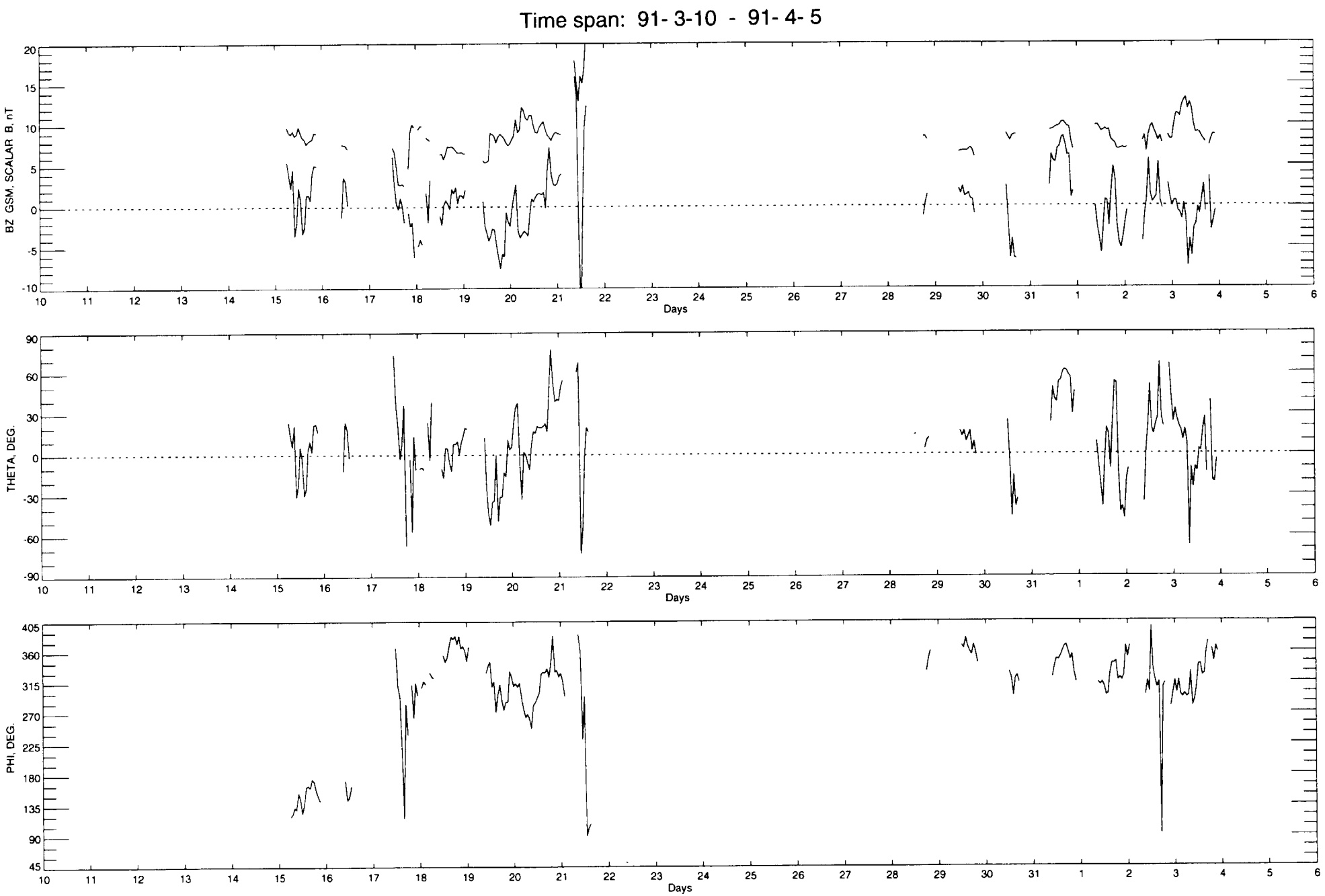


Time span: 91- 2-11 - 91- 3- 9

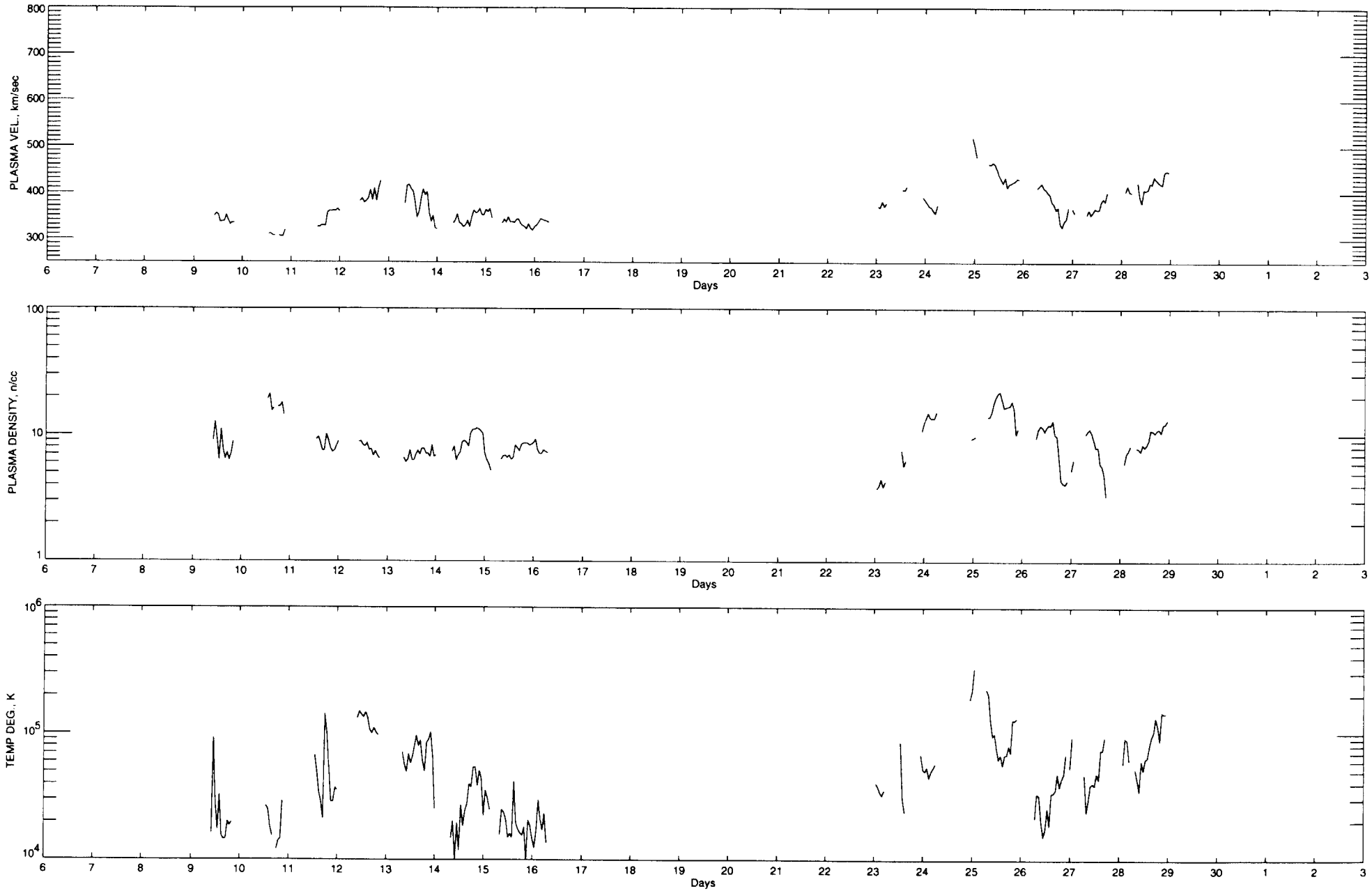


Time span: 91- 3-10 - 91- 4- 5

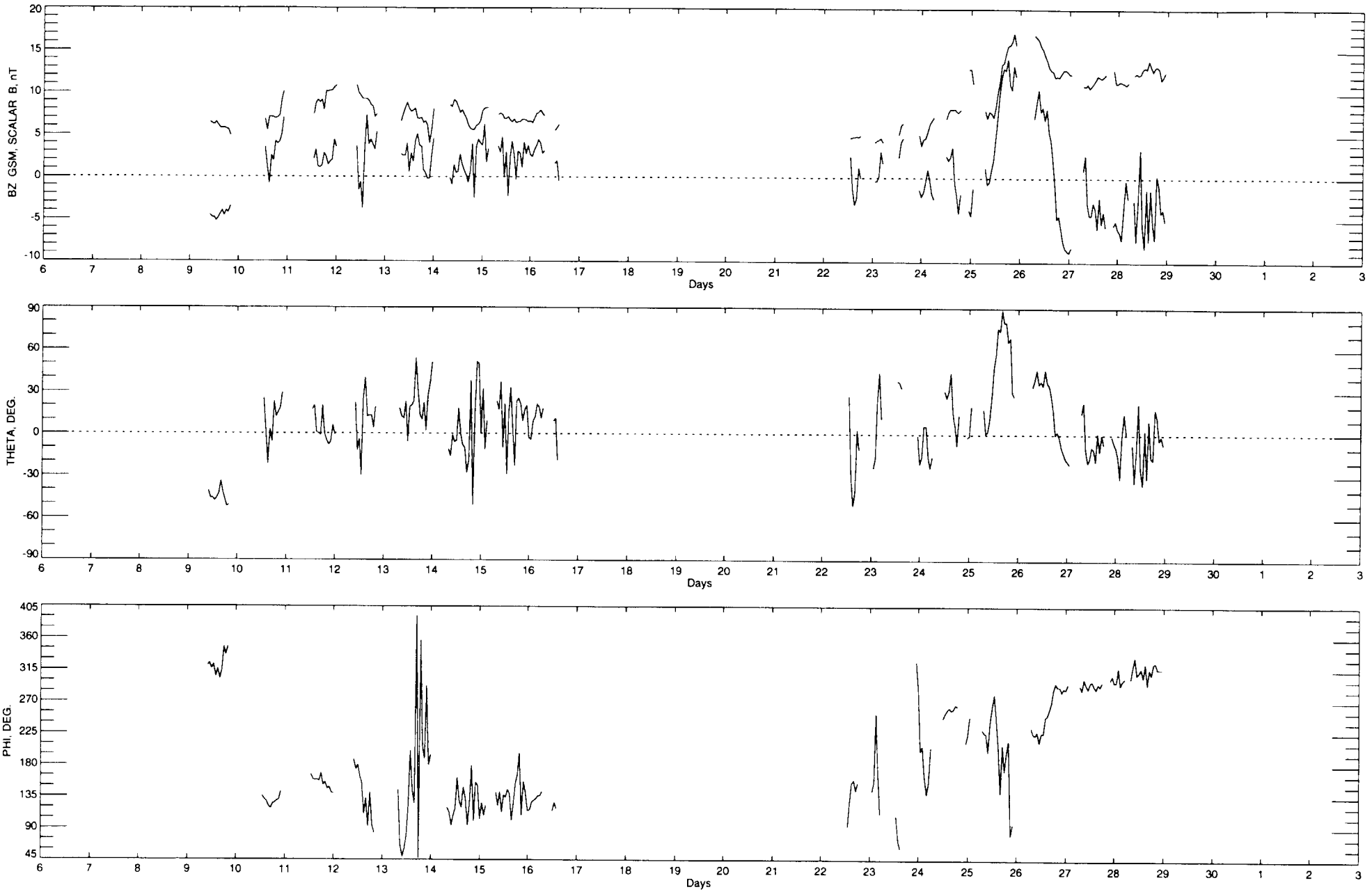



Time span: 91- 3-10 - 91- 4- 5
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days
Days
Days

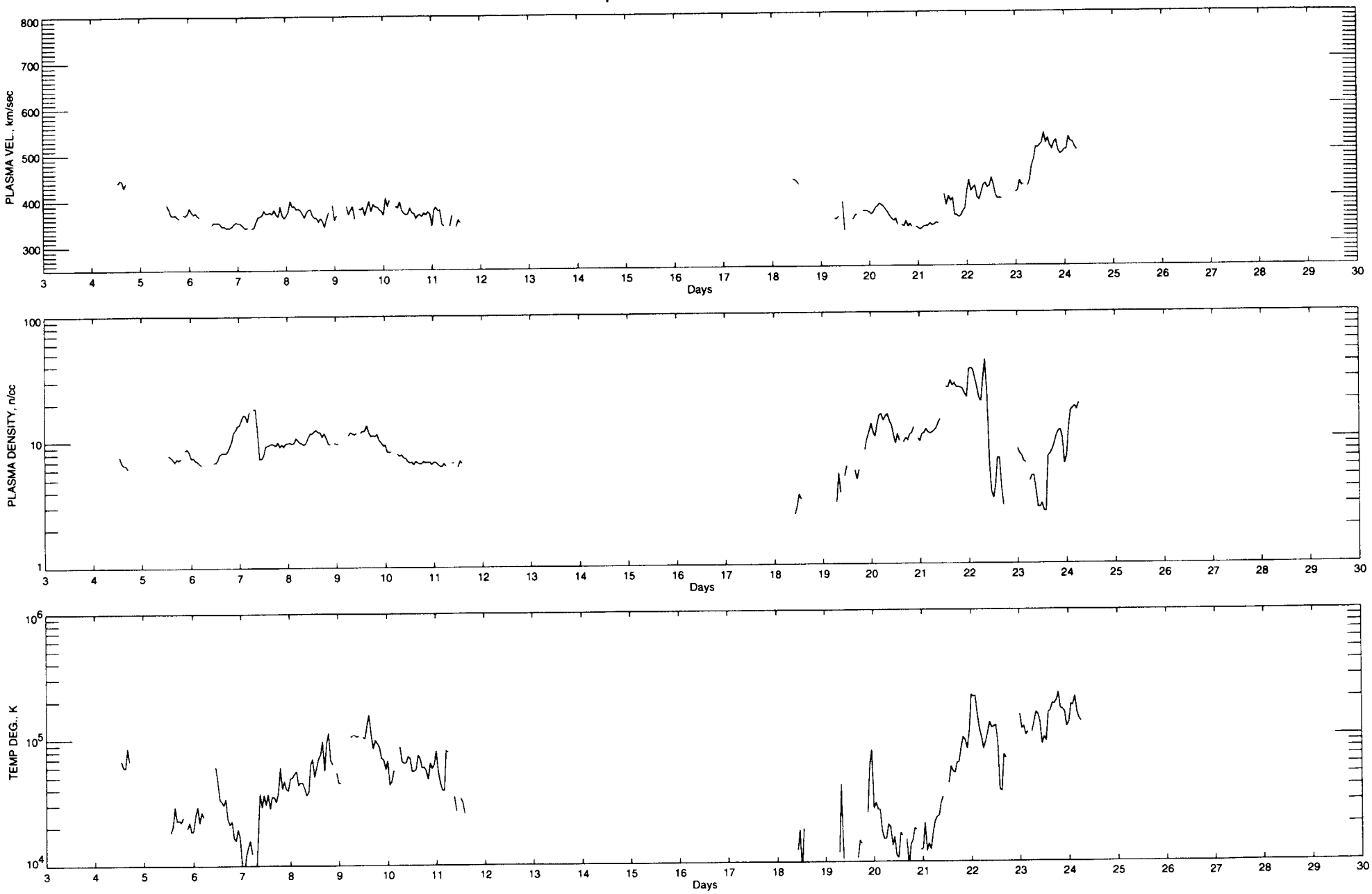
Time span: 91- 4- 6 - 91- 5- 2

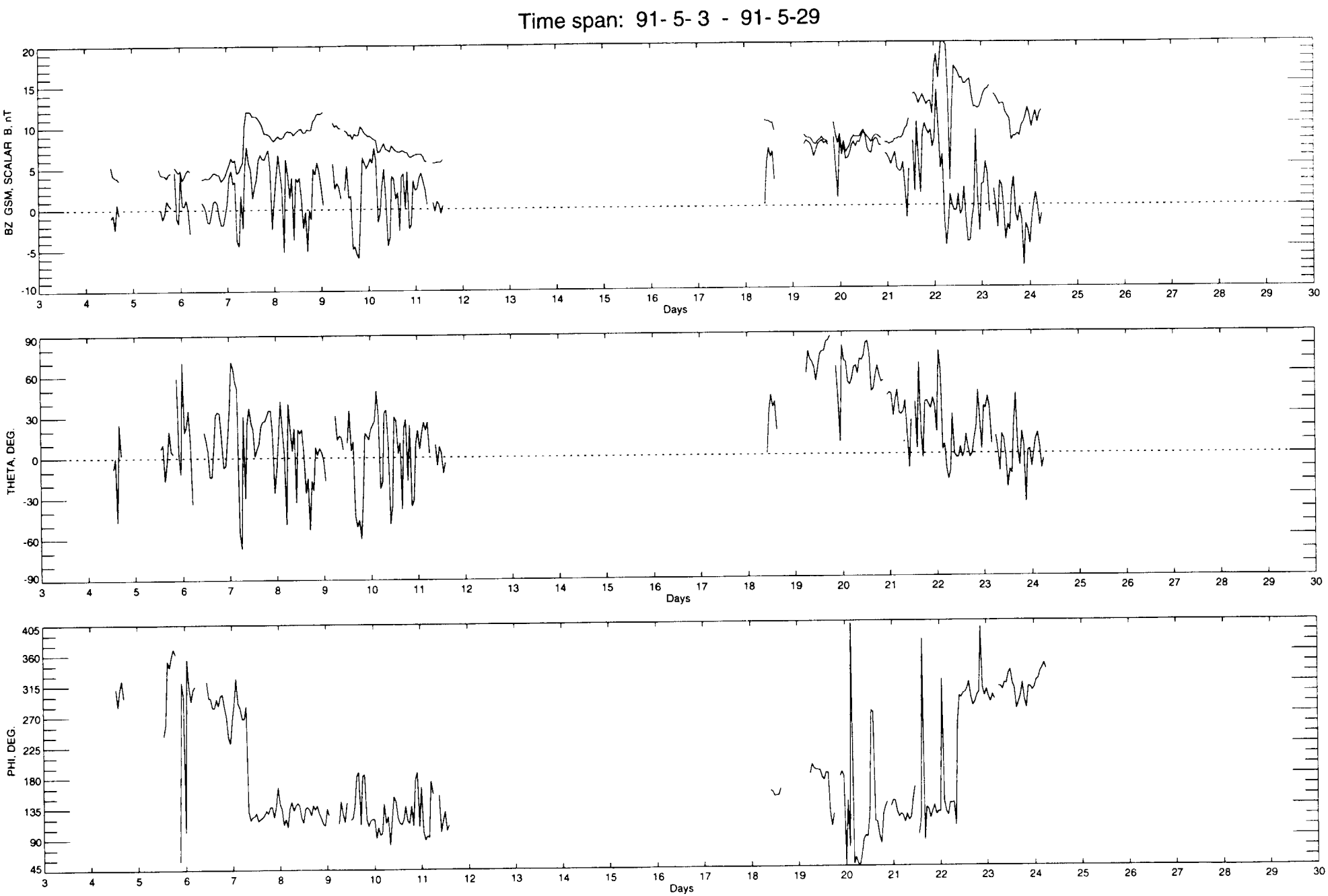


Time span: 91- 4- 6 - 91- 5- 2

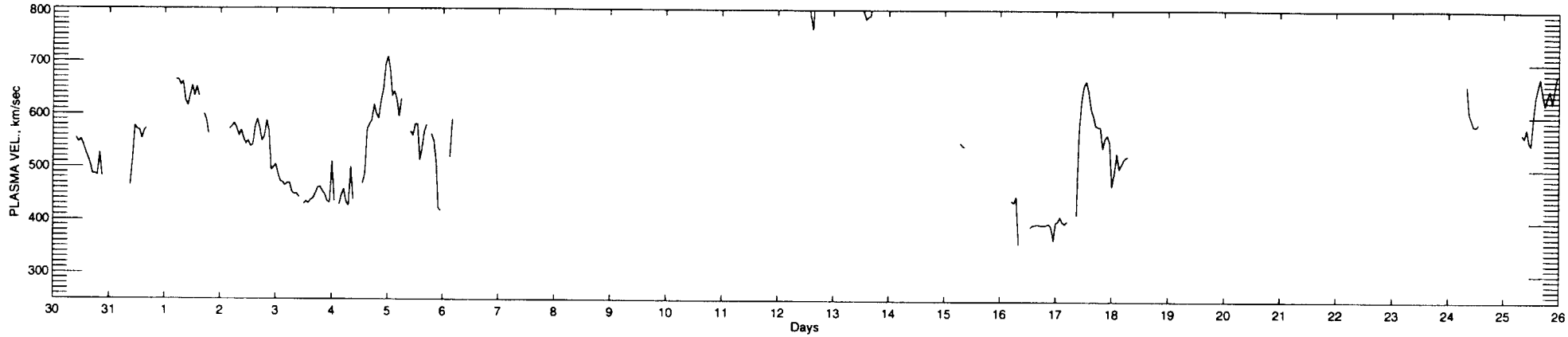


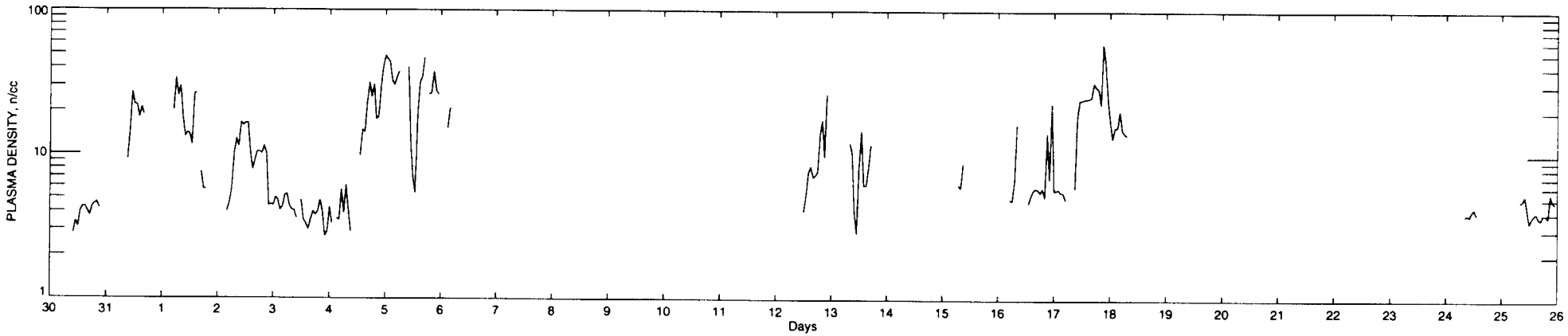
Time span: 91- 5- 3 - 91- 5-29

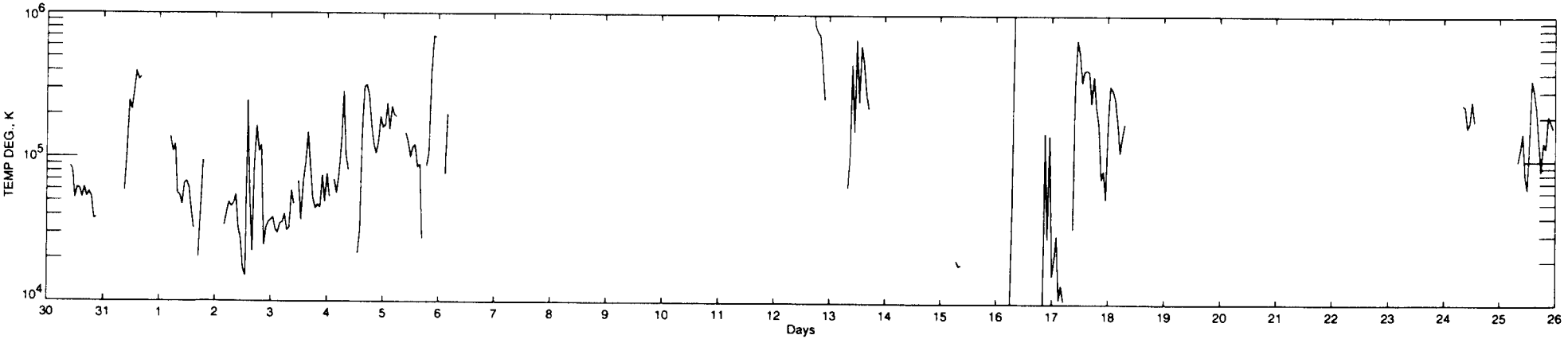


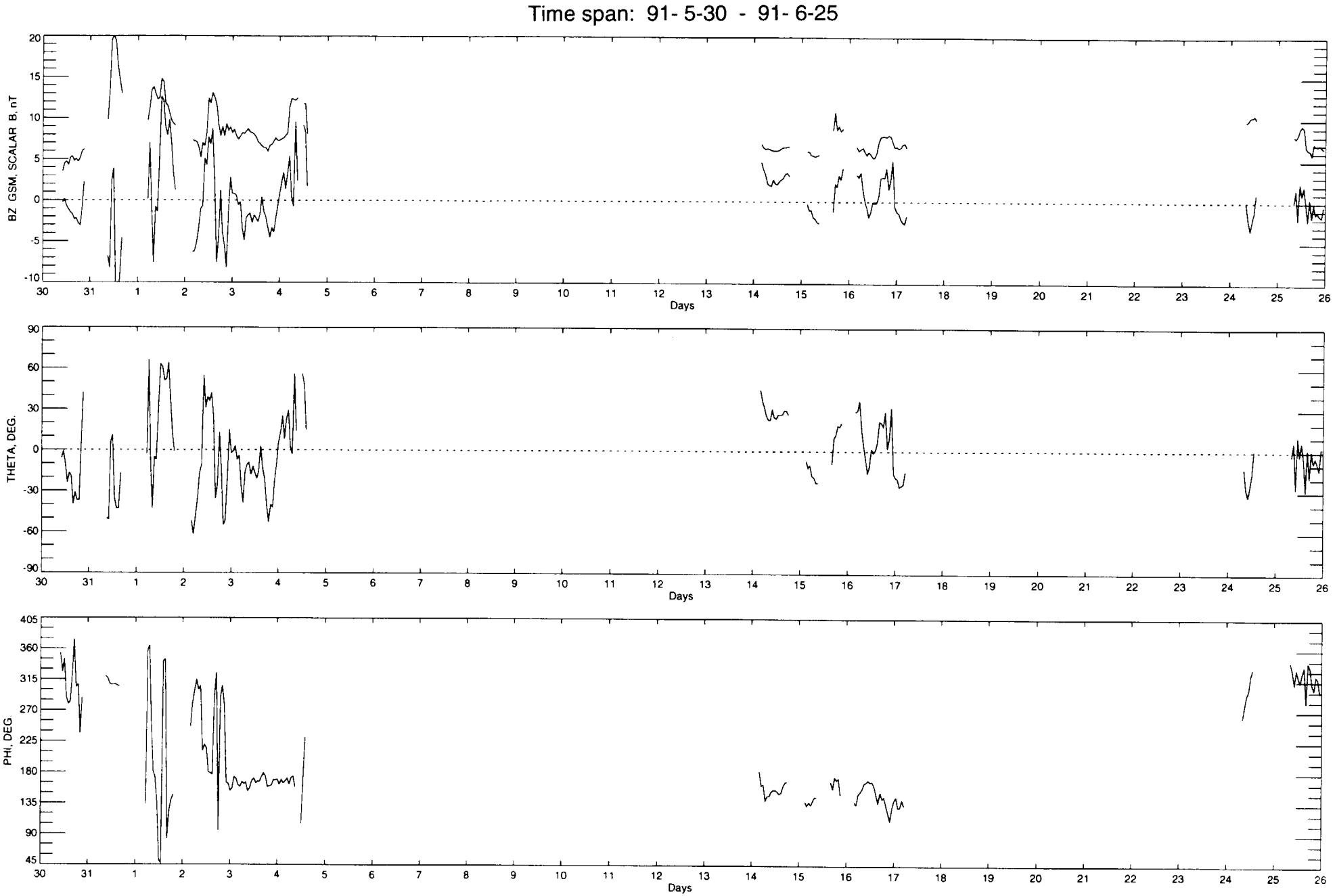

Time span: 91- 5- 3 - 91- 5-29
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days

Time span: 91- 5-30 - 91- 6-25

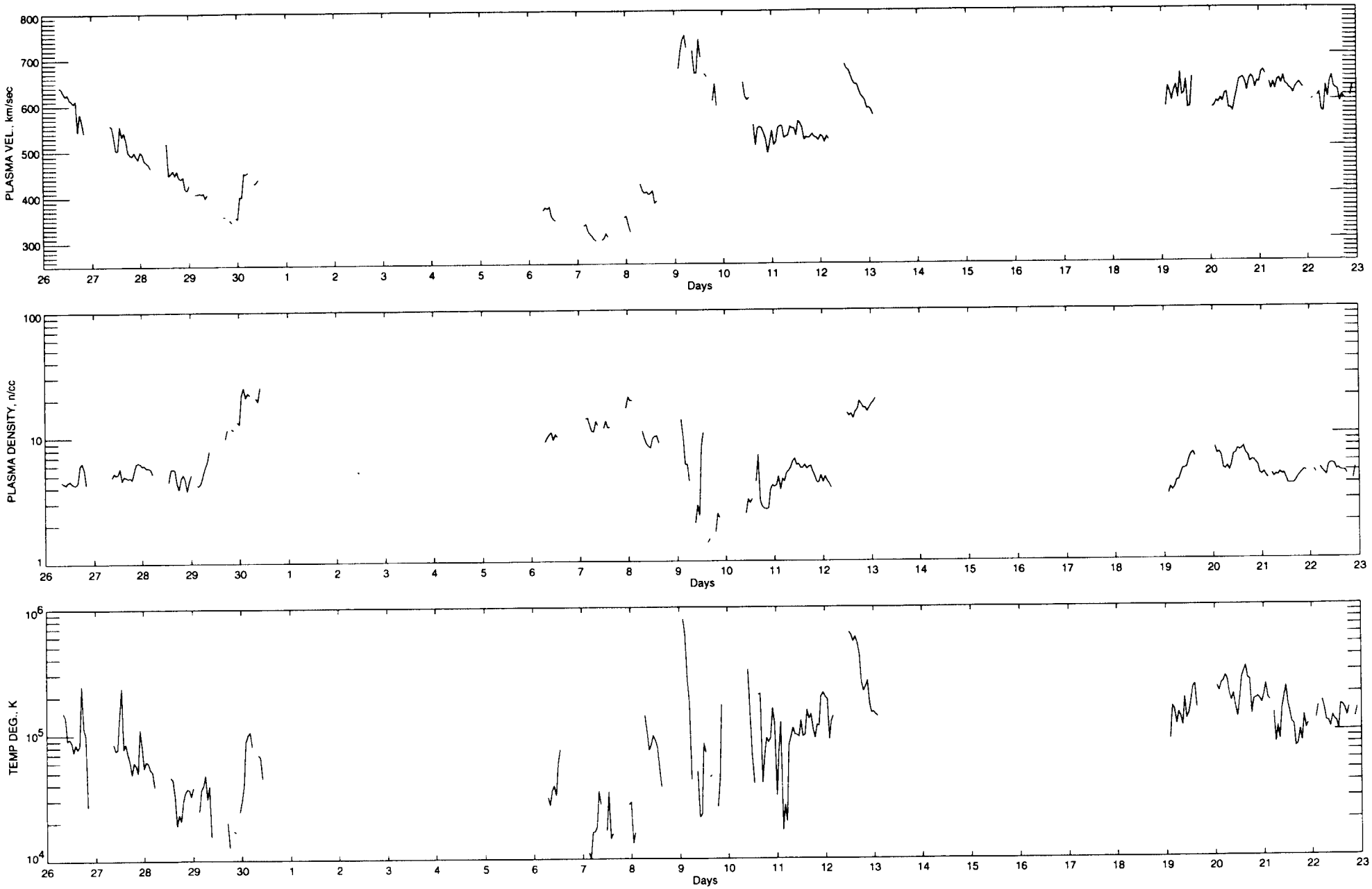




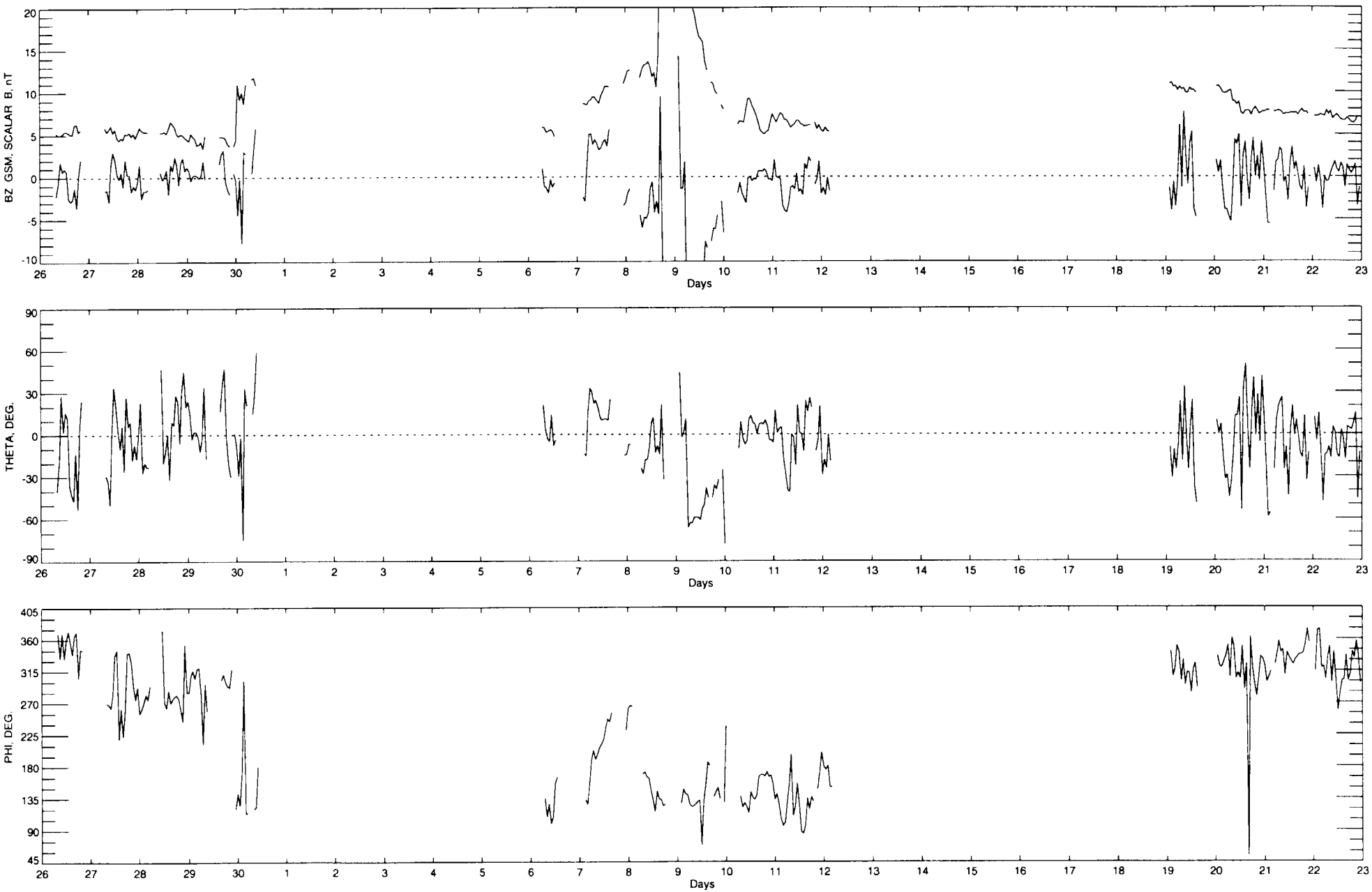



Time span: 91- 5-30 - 91- 6-25
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days

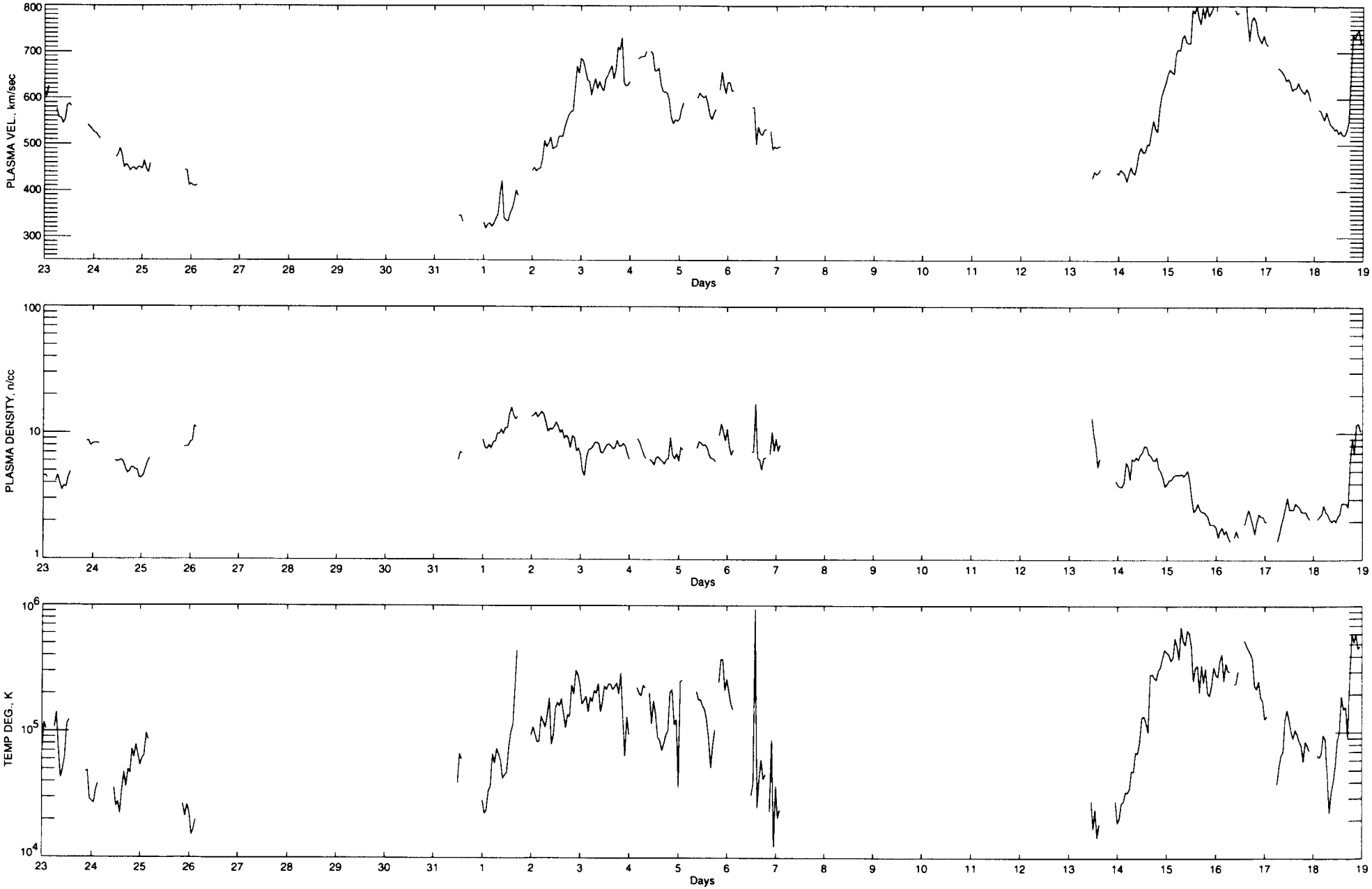
Time span: 91- 6-26 - 91- 7-22

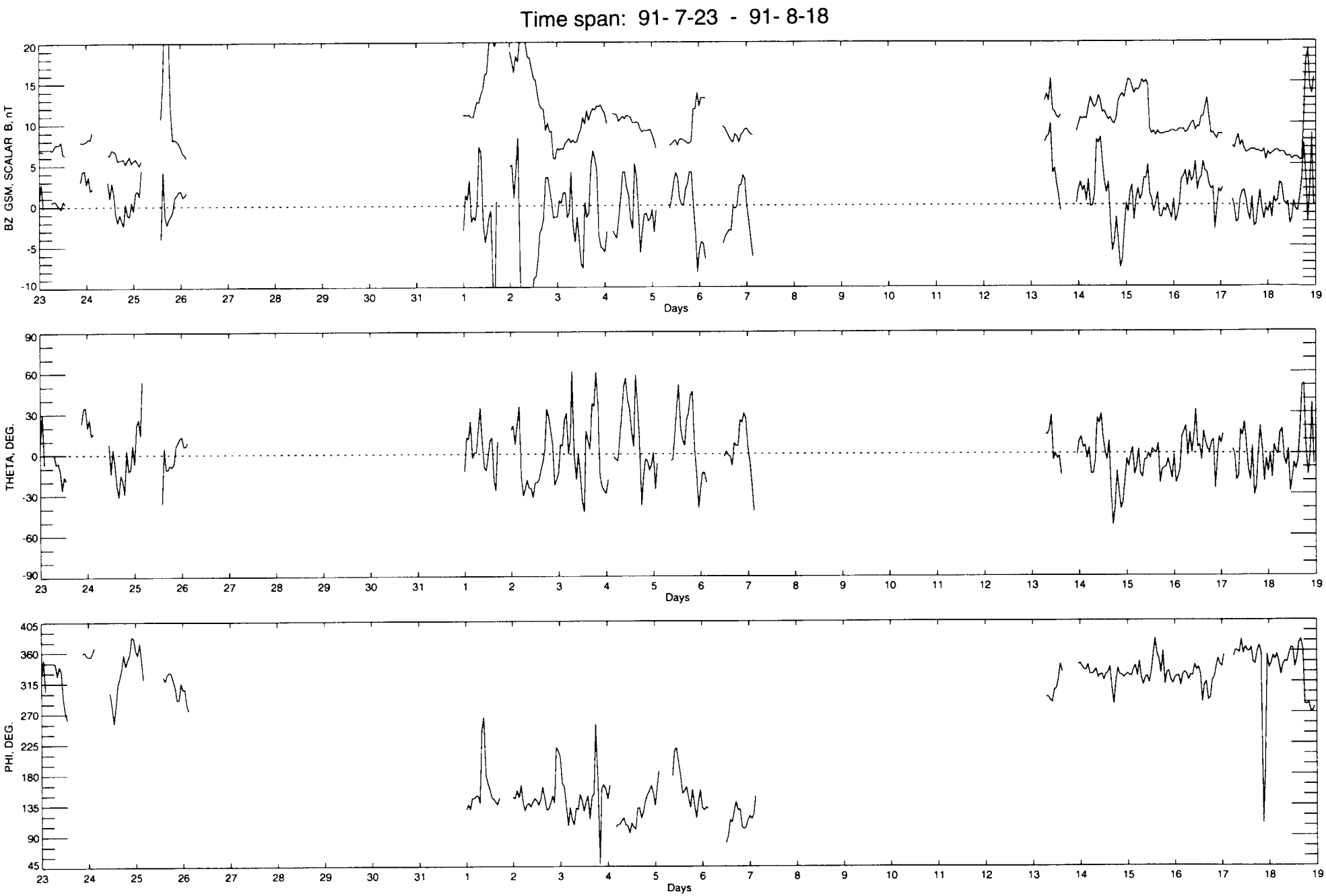


Time span: 91- 6-26 - 91- 7-22

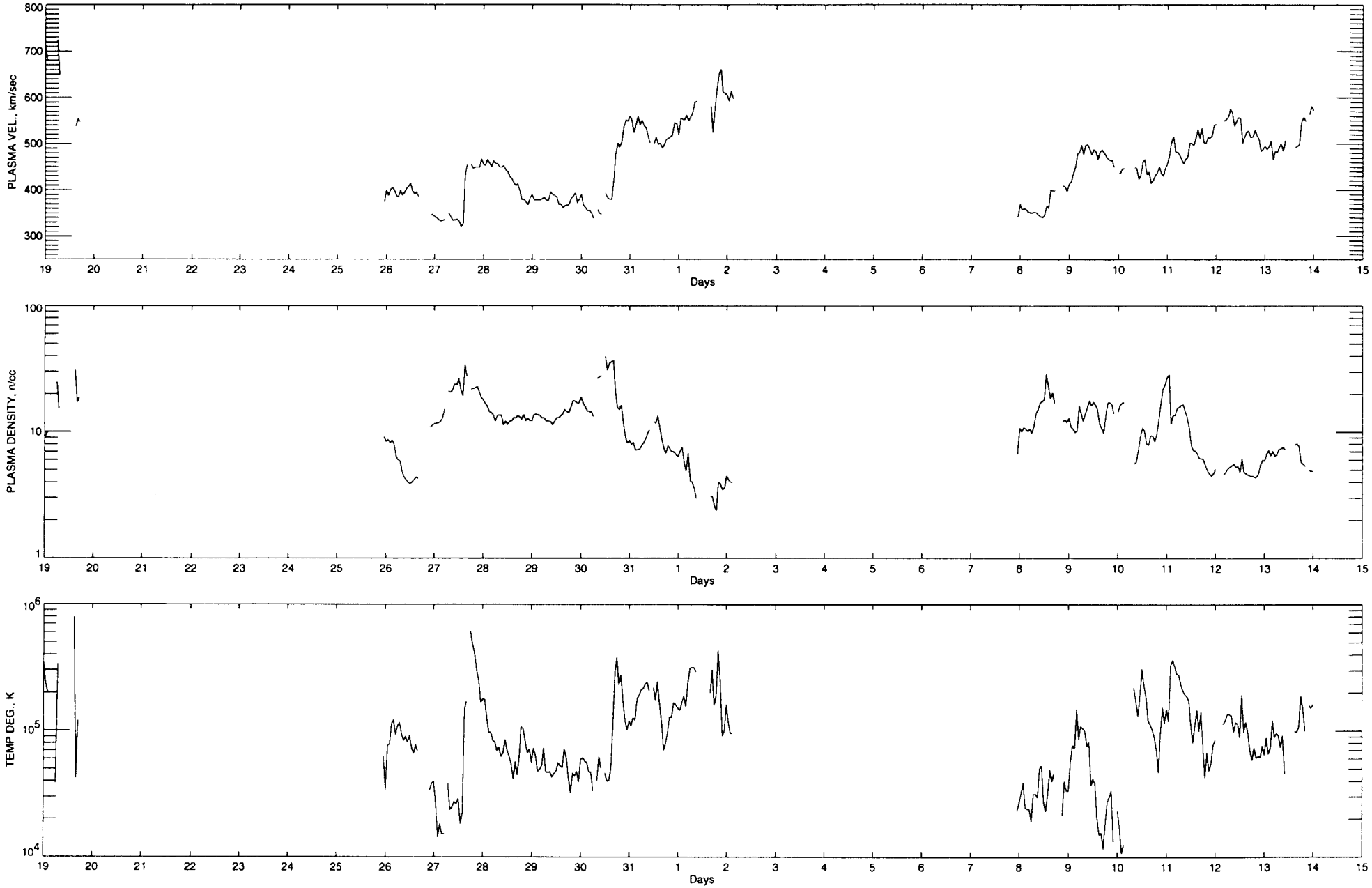


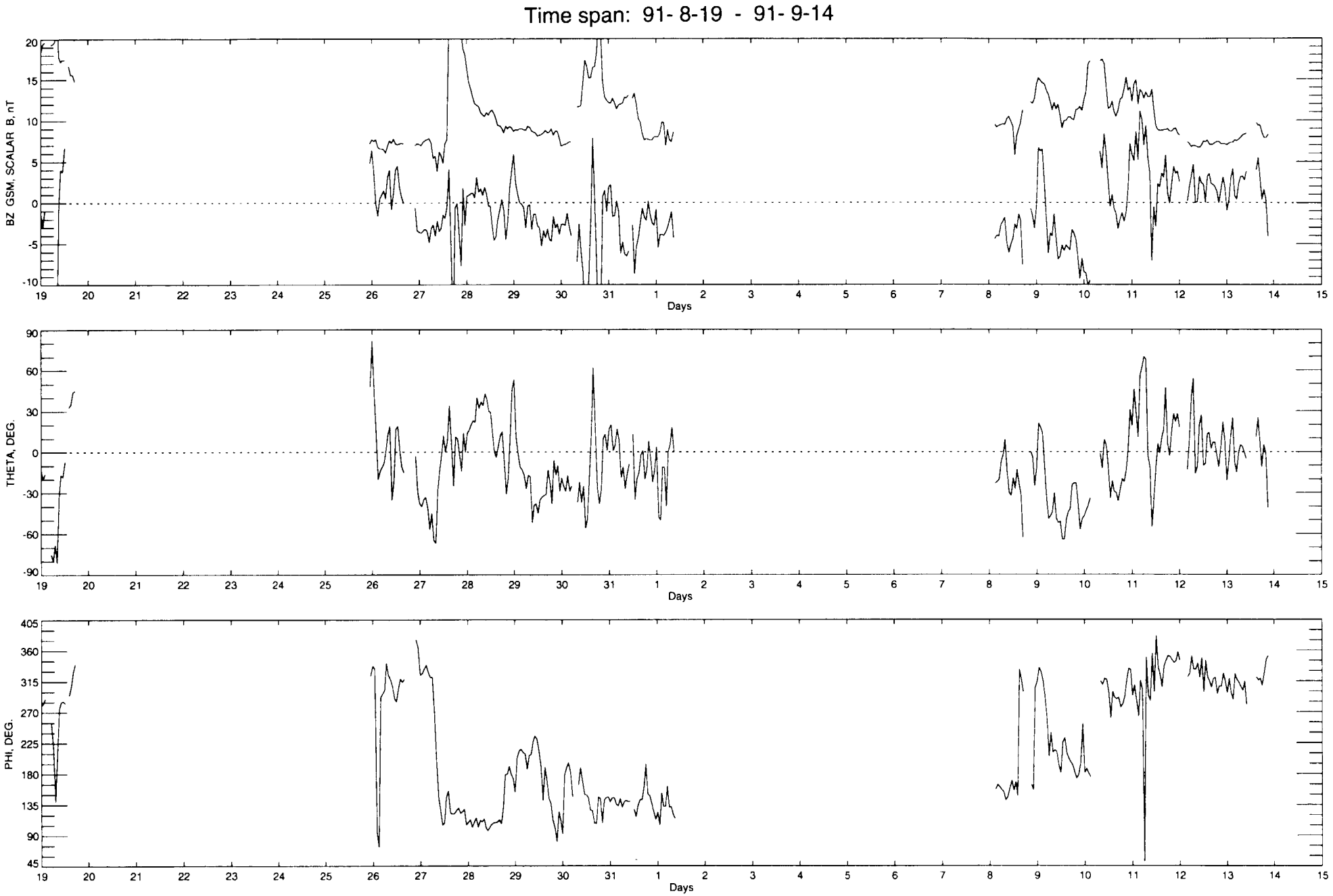
Time span: 91- 7-23 - 91- 8-18

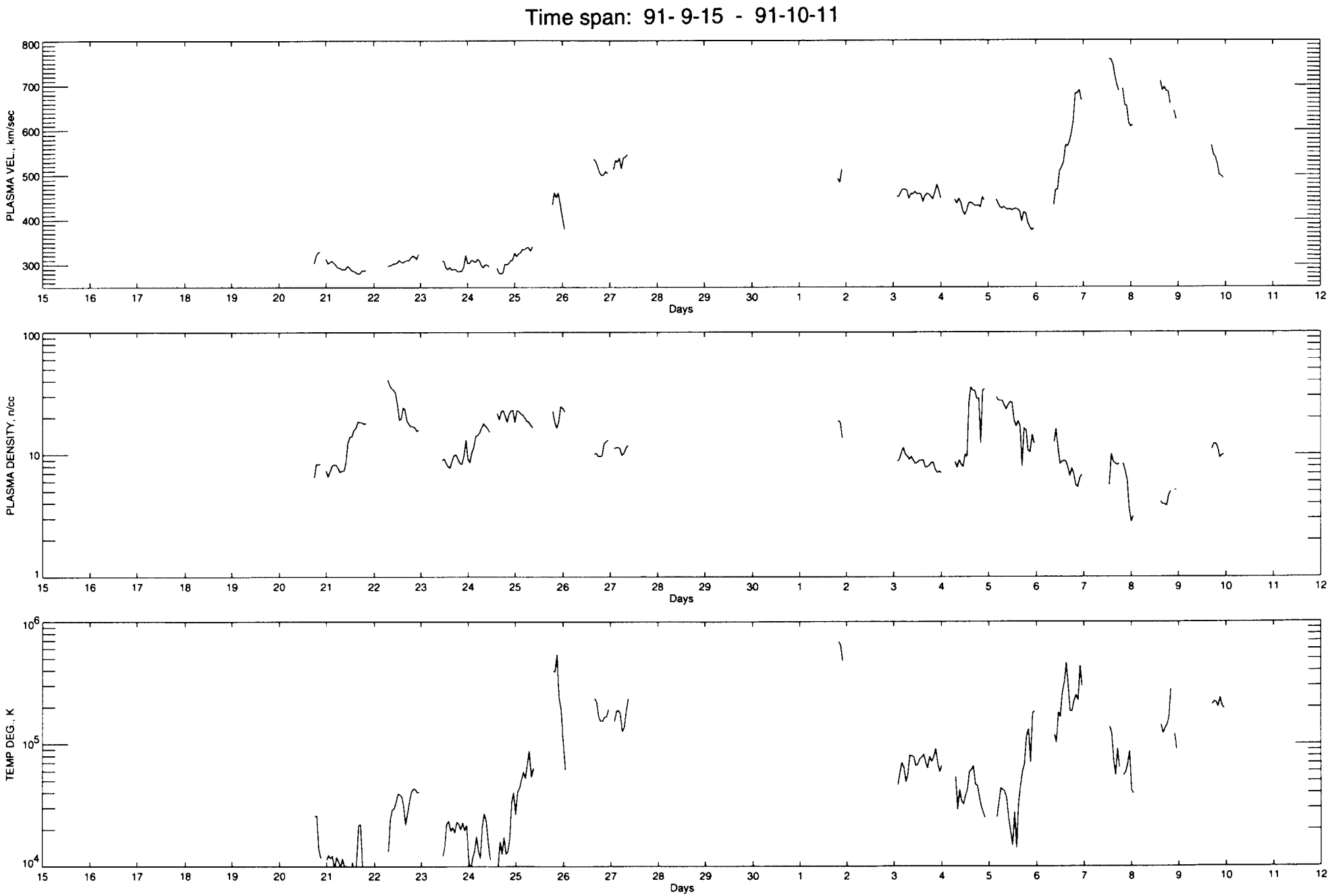


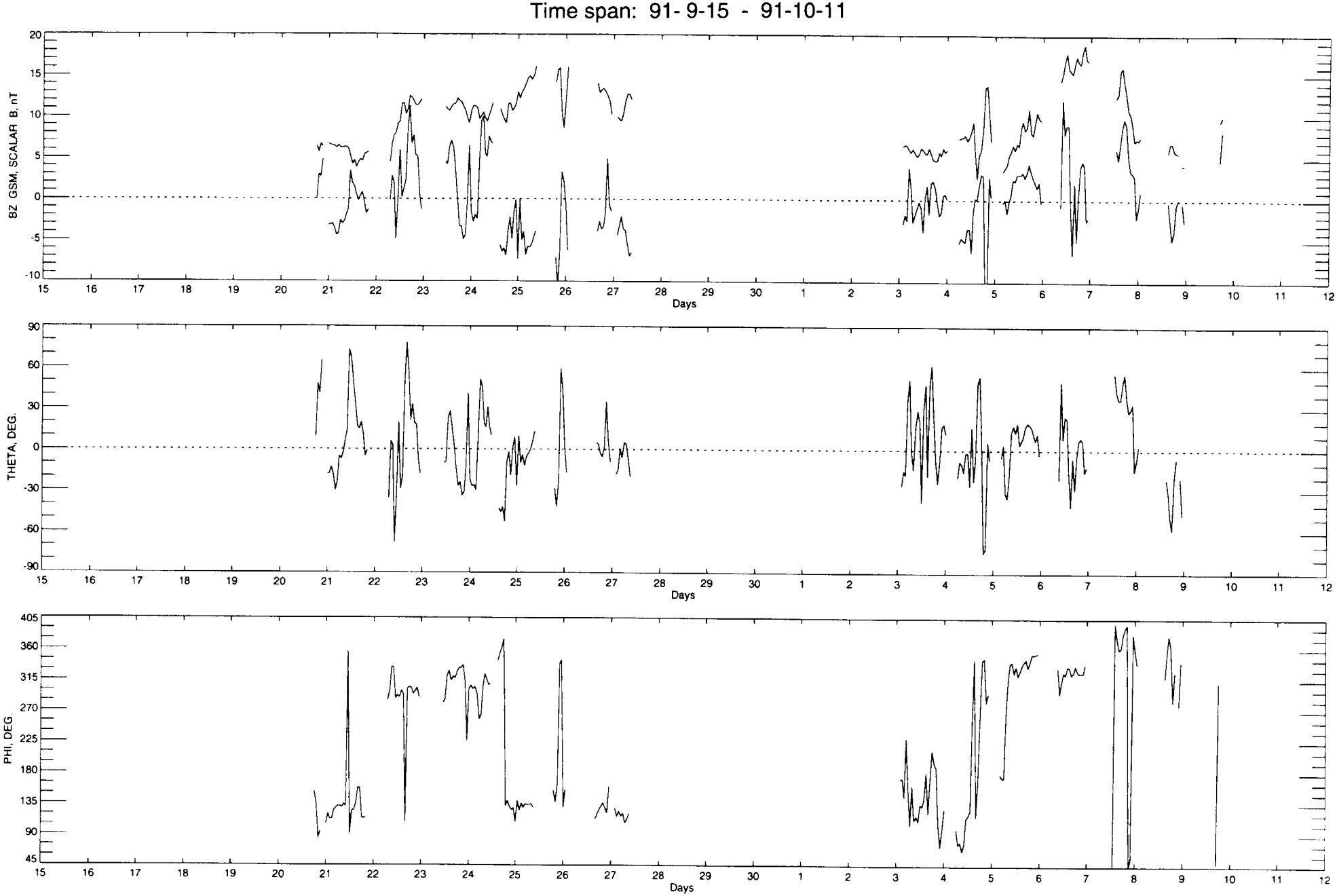

Time span: 91- 7-23 - 91- 8-18
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days
Days
Days

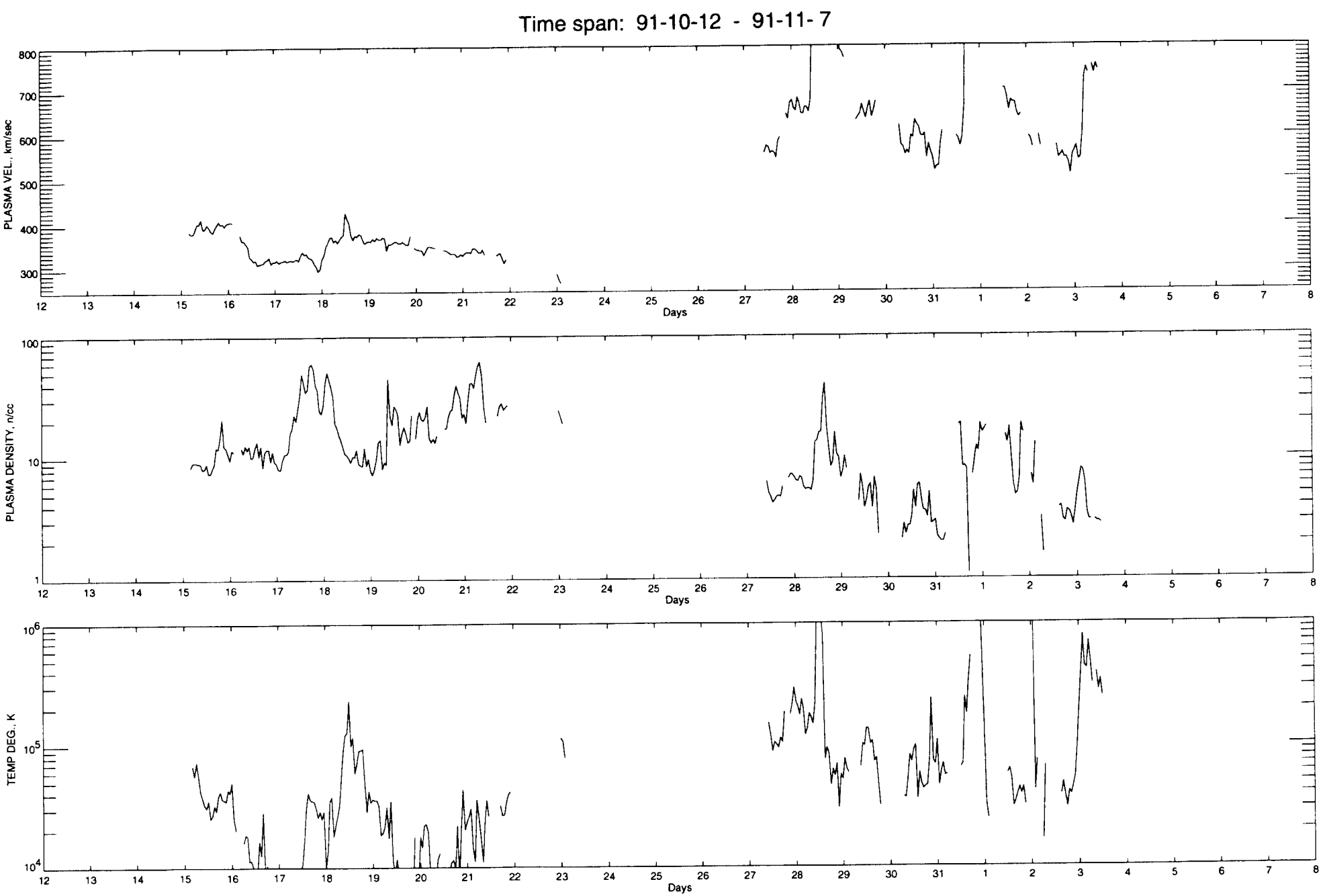
Time span: 91- 8-19 - 91- 9-14

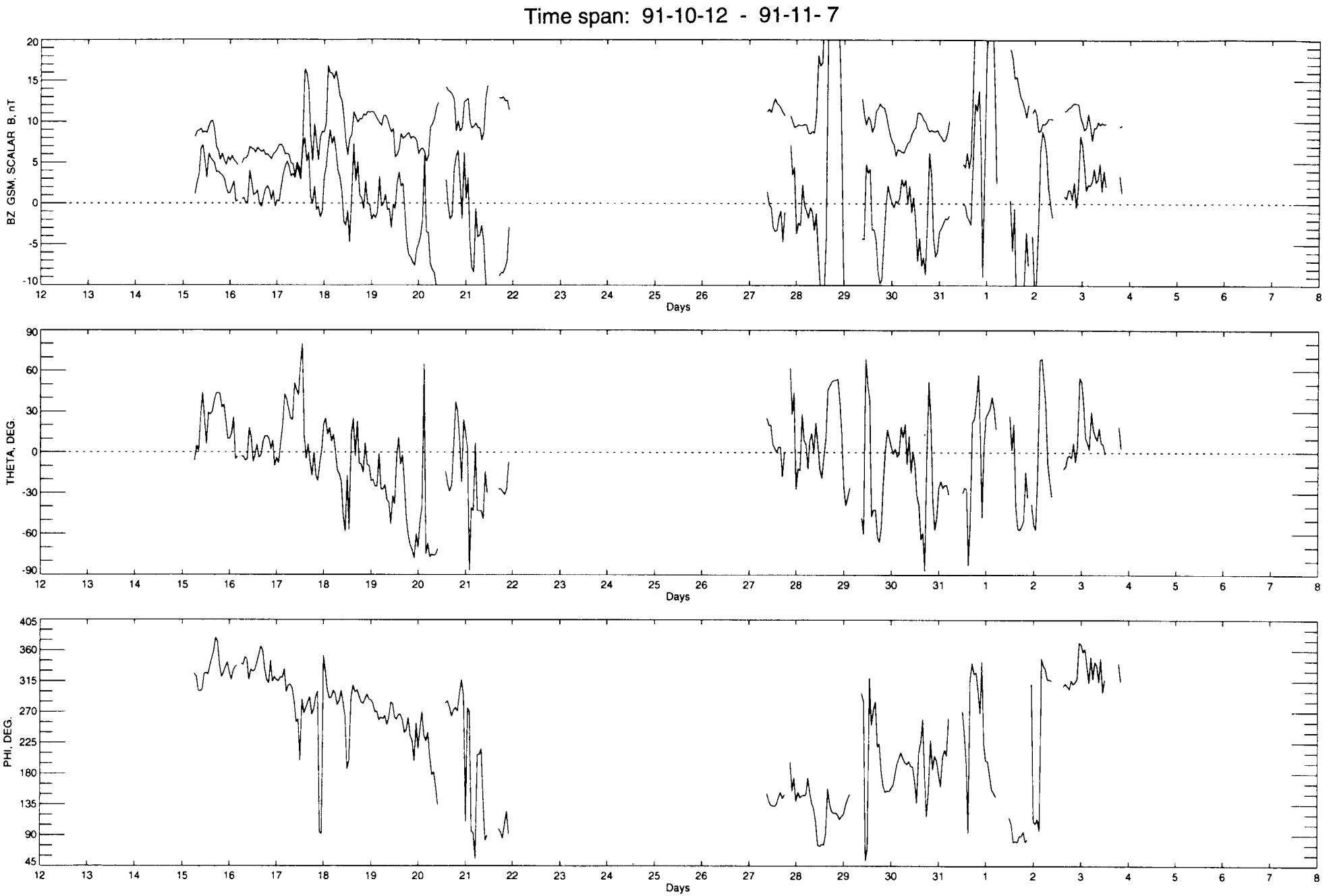



Time span: 91- 8-19 - 91- 9-14
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days
19 20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

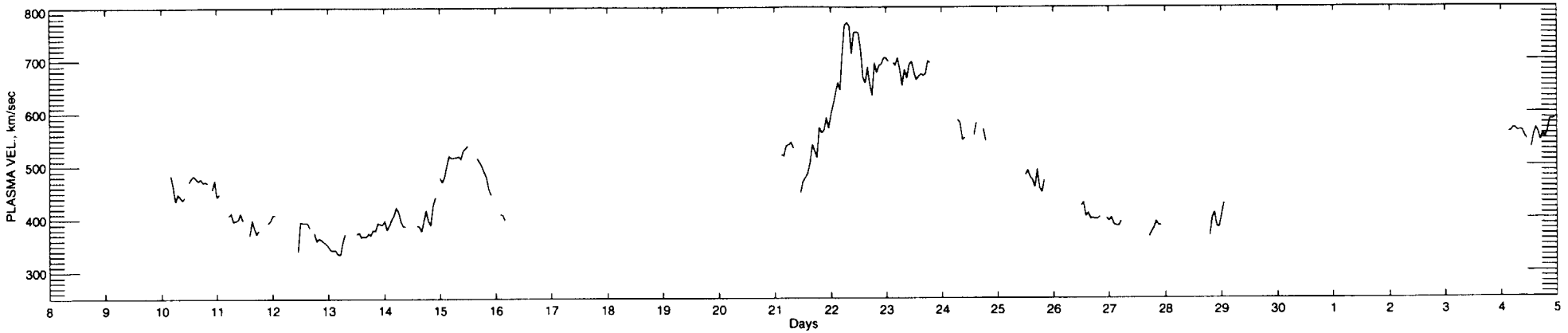

Time span: 91- 9-15 - 91-10-11
PLASMA VEL., km/sec
800
700
600
500
400
300
15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 1 2 3 4 5 6 7 8 9 10 11 12
Days
PLASMA DENSITY, n/cc
100
10
1
15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 1 2 3 4 5 6 7 8 9 10 11 12
Days
TEMP DEG., K
10^6
10^5
10^4
15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 1 2 3 4 5 6 7 8 9 10 11 12
Days

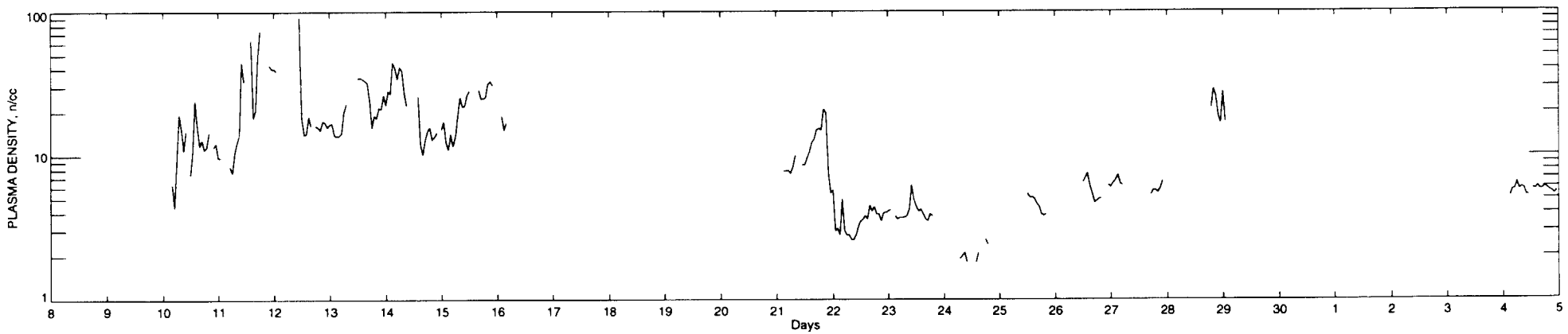

Time span: 91- 9-15 - 91-10-11
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG
Days
15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 1 2 3 4 5 6 7 8 9 10 11 12

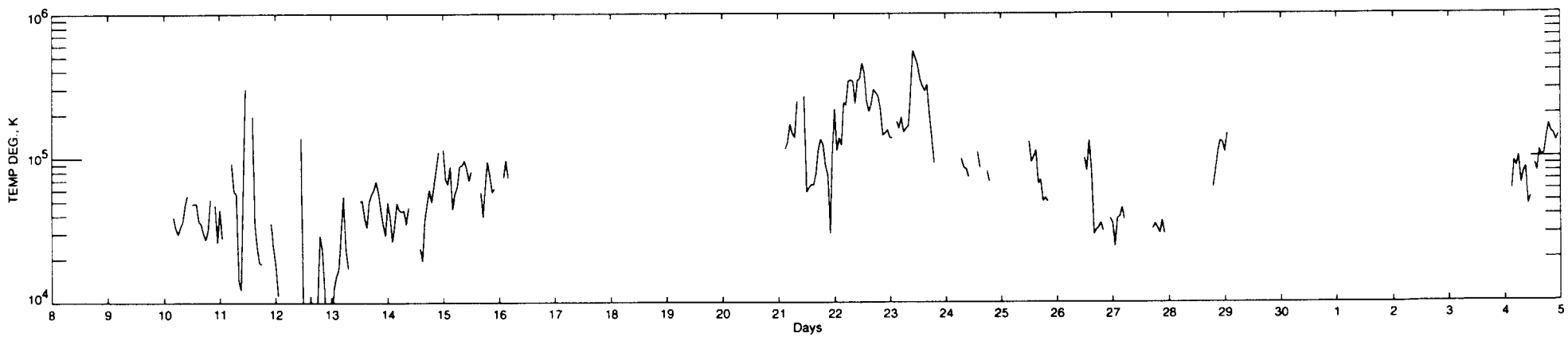

Time span: 91-10-12 - 91-11- 7
PLASMA VEL., km/sec
800
700
600
500
400
300
12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8
Days
PLASMA DENSITY, n/cc
100
10
1
12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8
Days
TEMP DEG., K
10^6
10^5
10^4
12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8
Days

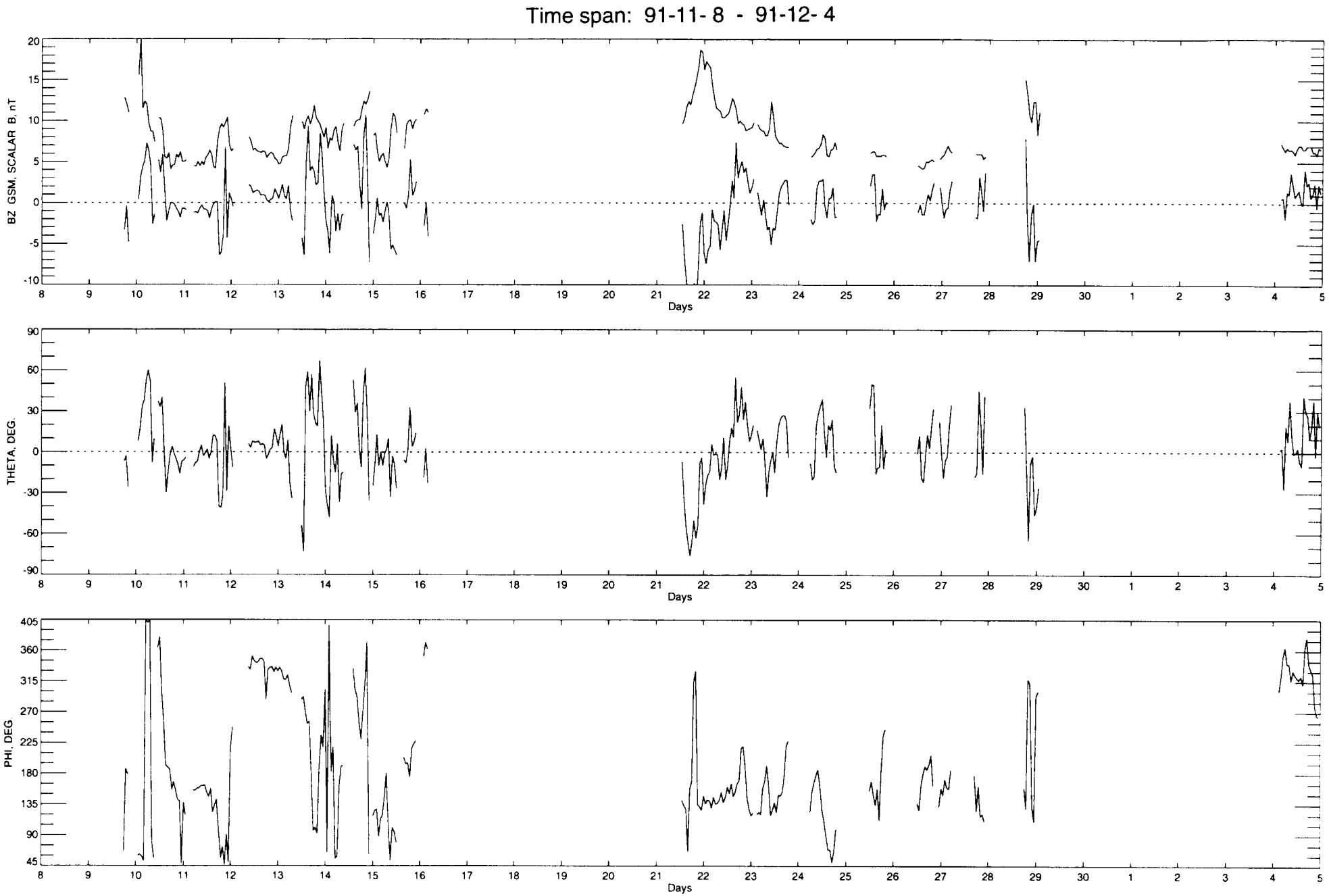

Time span: 91-10-12 - 91-11- 7
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days
Days
Days

Time span: 91-11- 8 - 91-12- 4

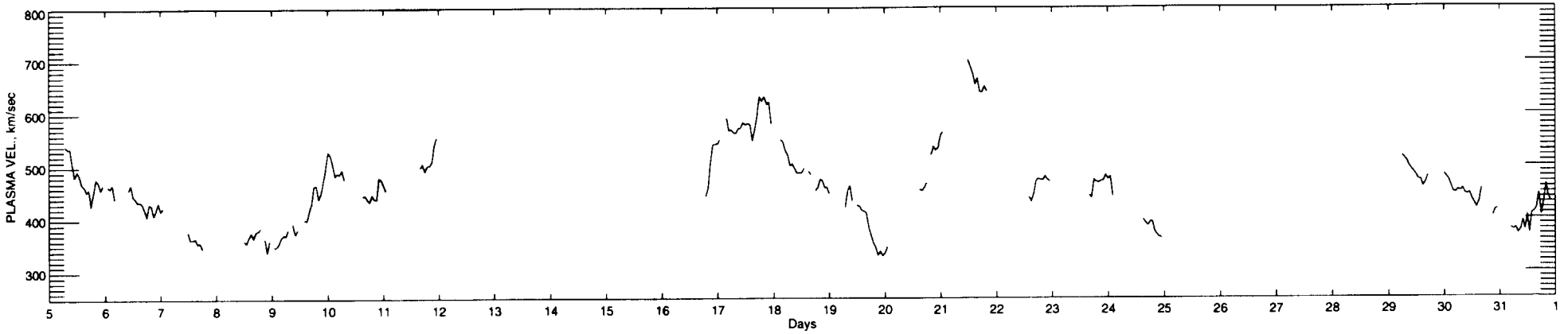


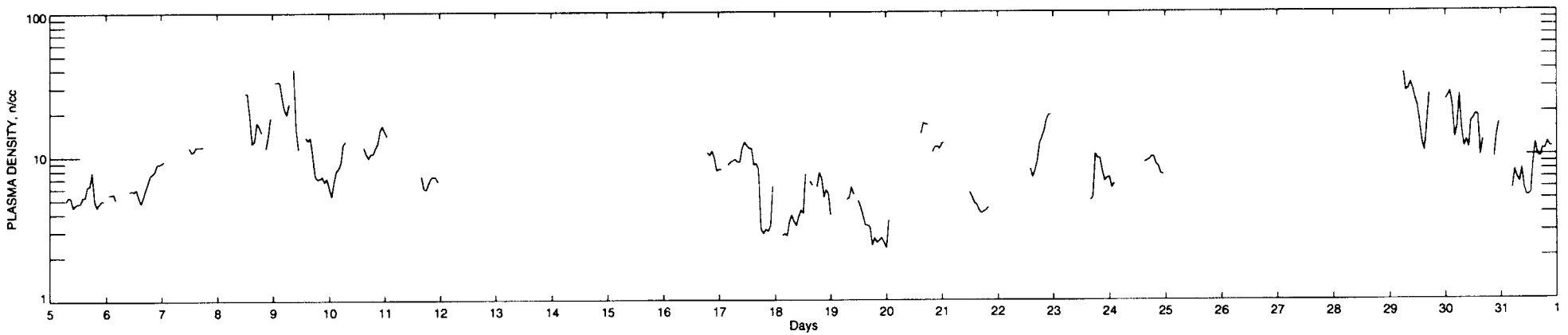


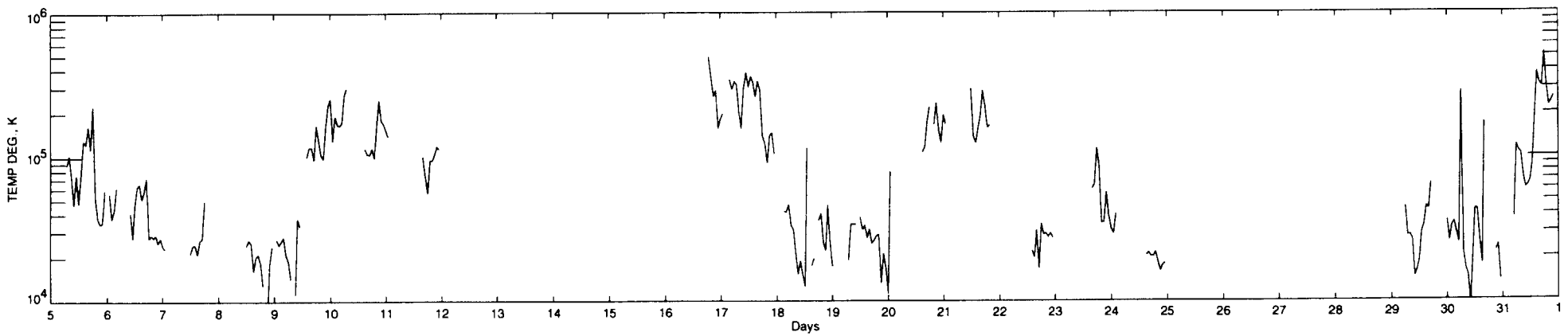


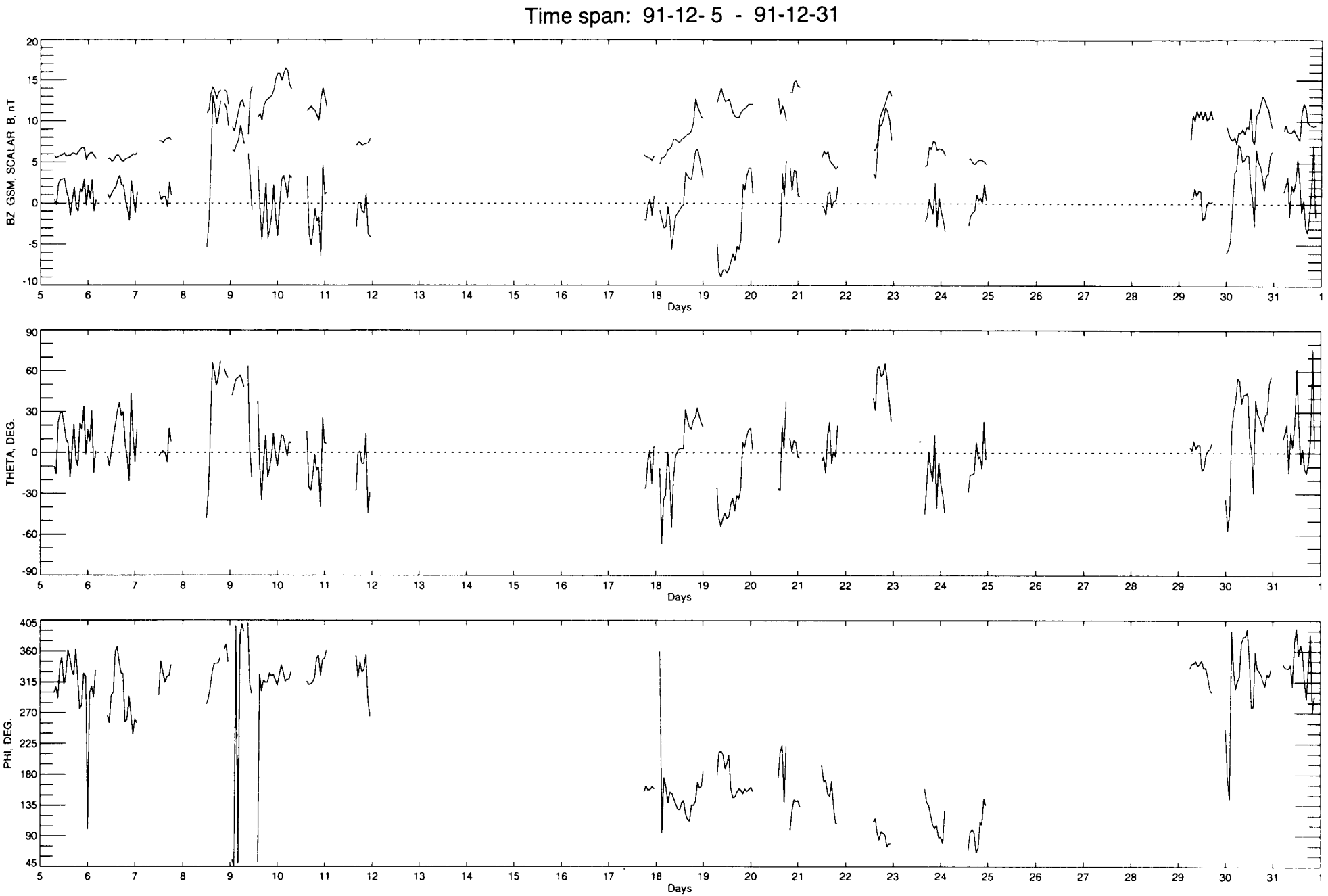

Time span: 91-11- 8 - 91-12- 4
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG
Days
8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 1 2 3 4 5

Time span: 91-12- 5 - 91-12-31

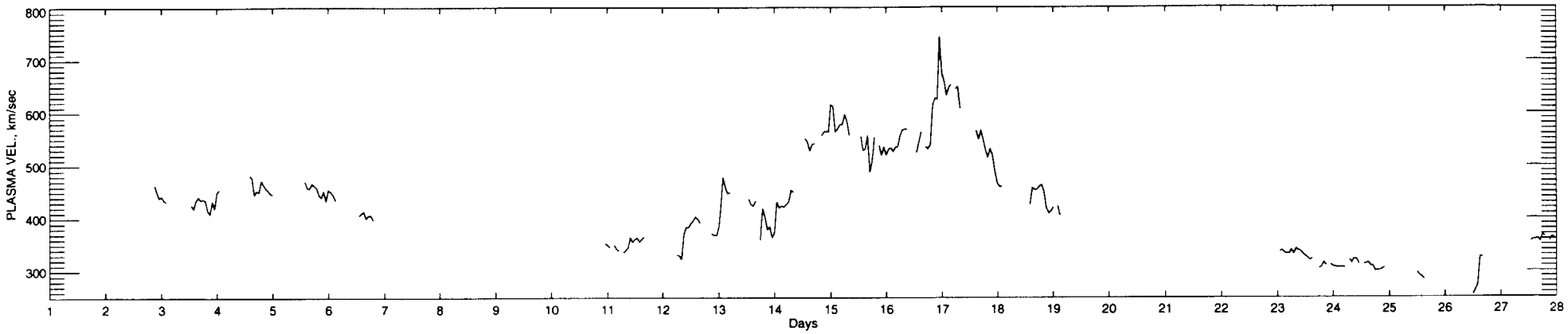


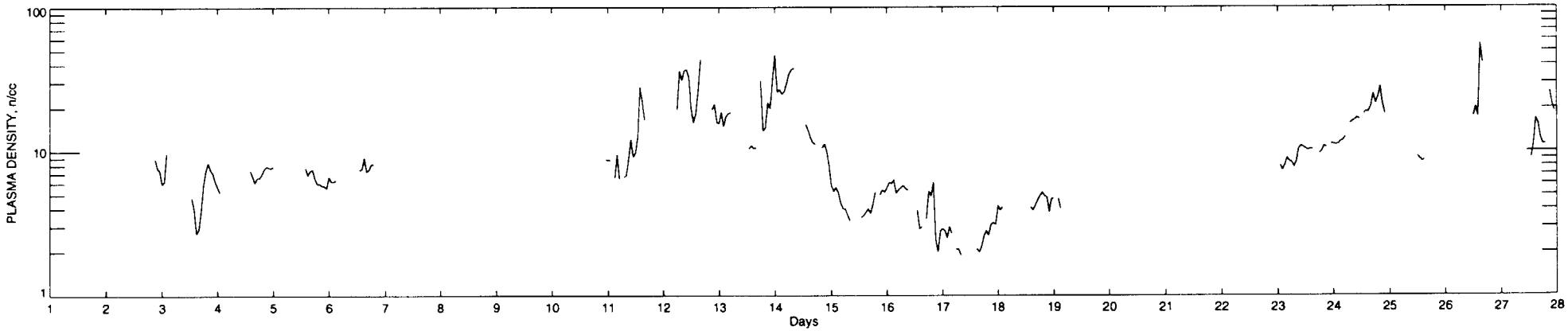


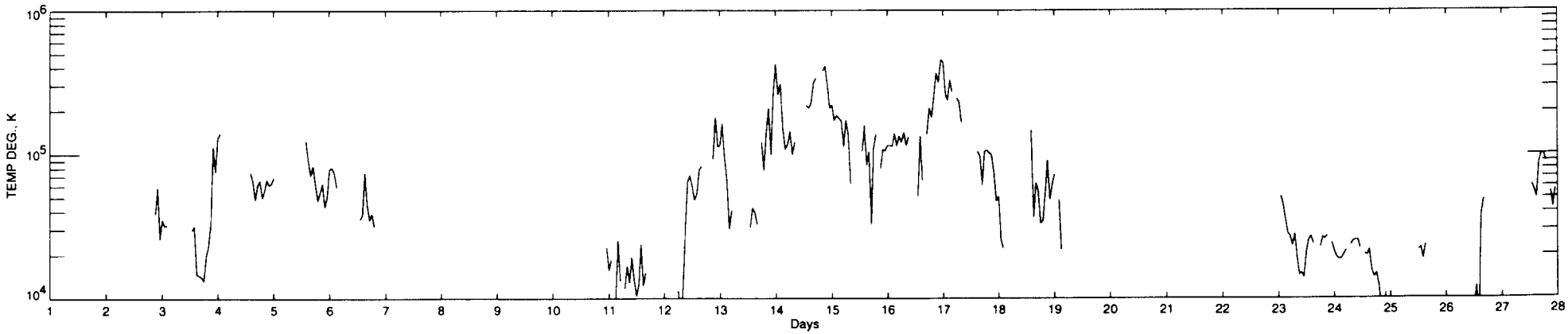


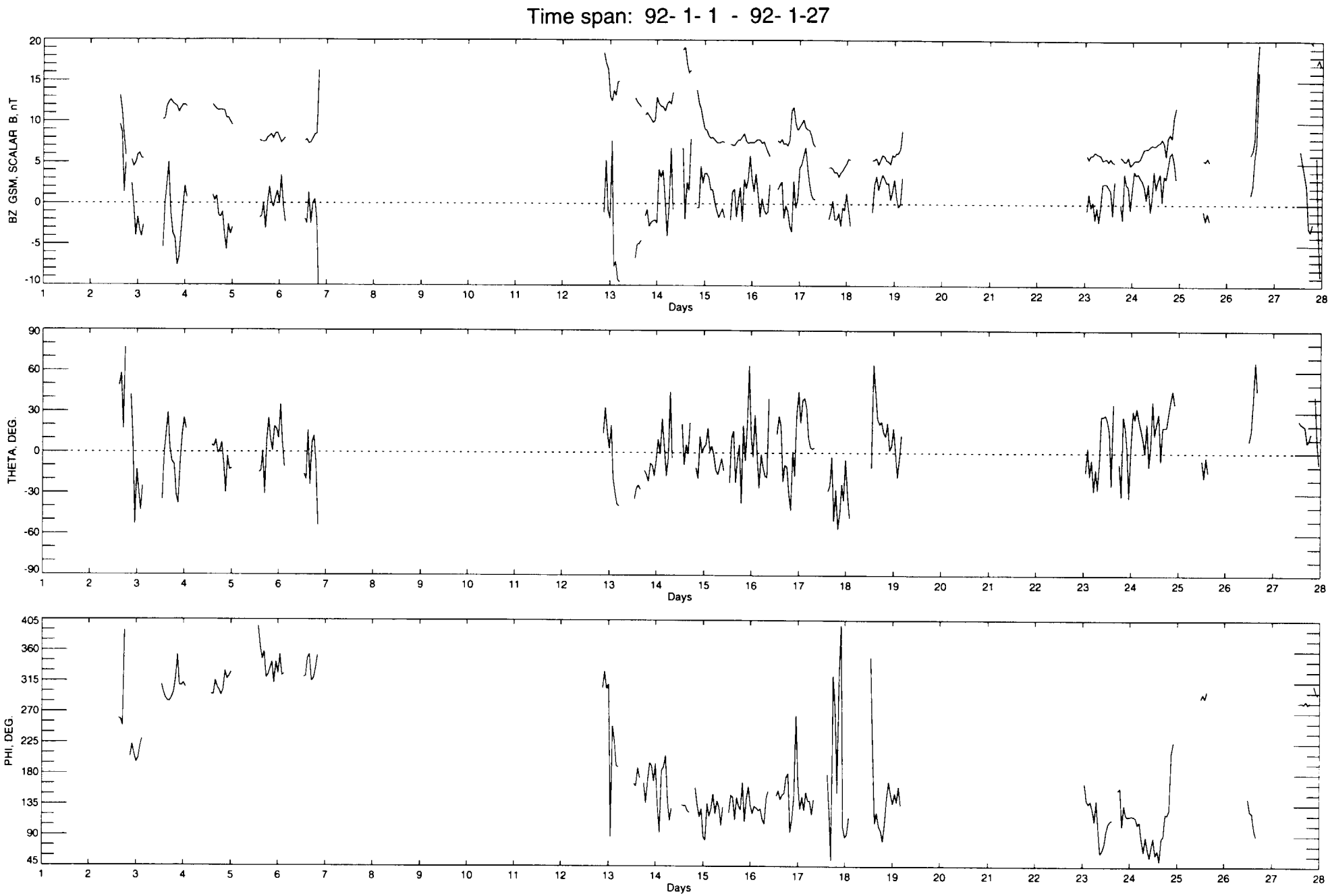

Time span: 91-12- 5 - 91-12-31
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days

Time span: 92- 1- 1 - 92- 1-27

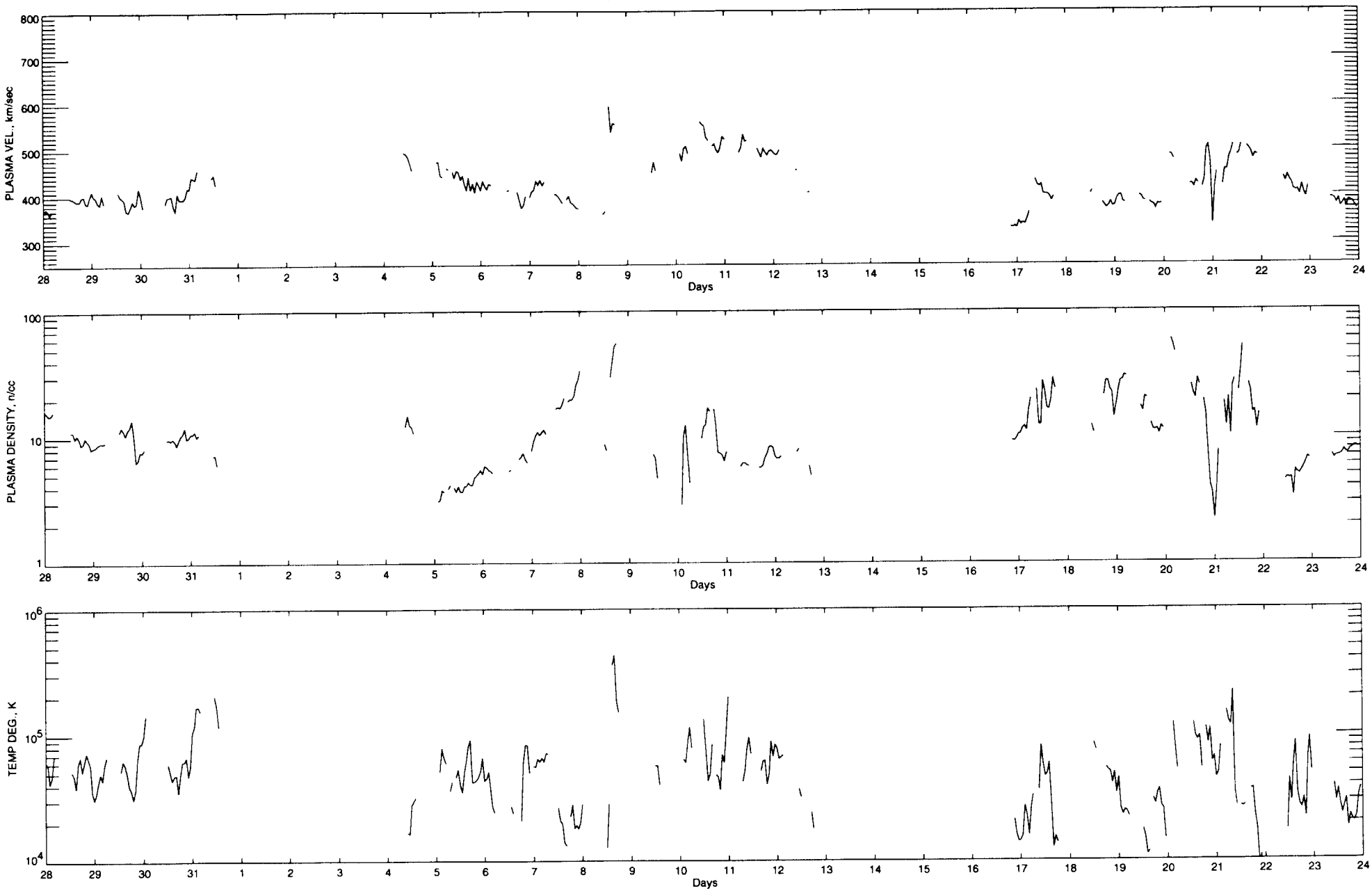


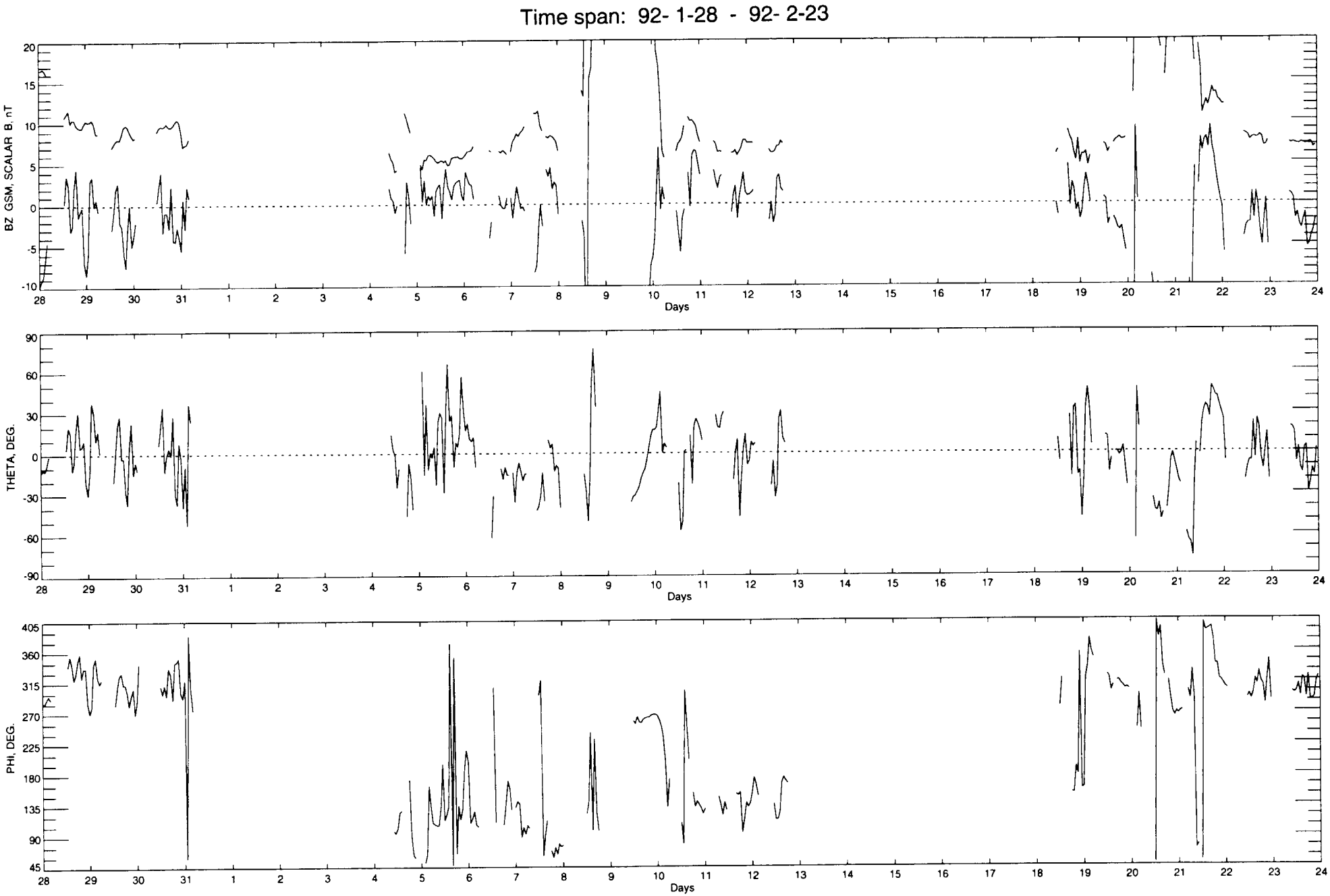




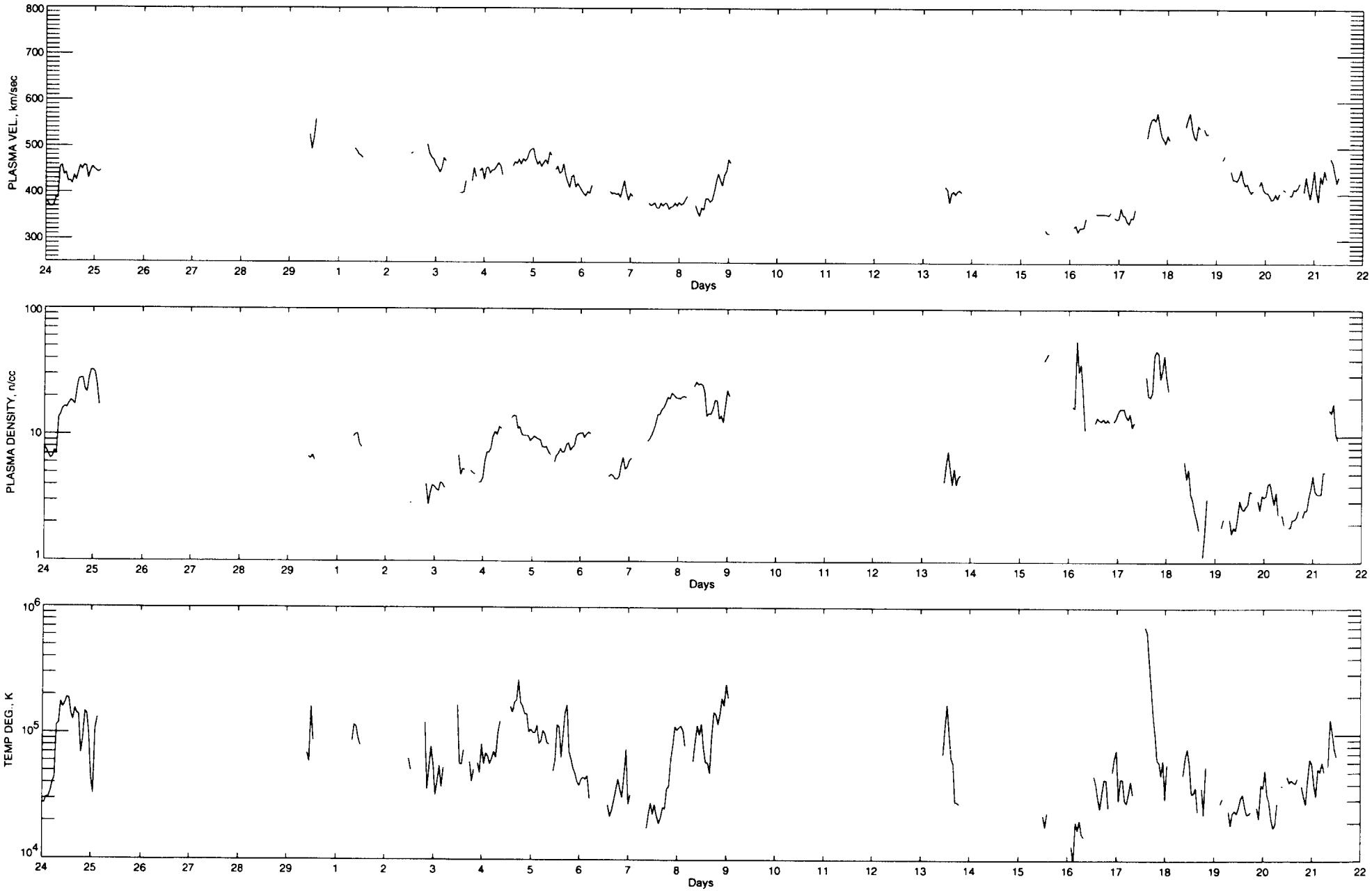

Time span: 92- 1- 1 - 92- 1-27
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days
Days
Days

Time span: 92- 1-28 - 92- 2-23

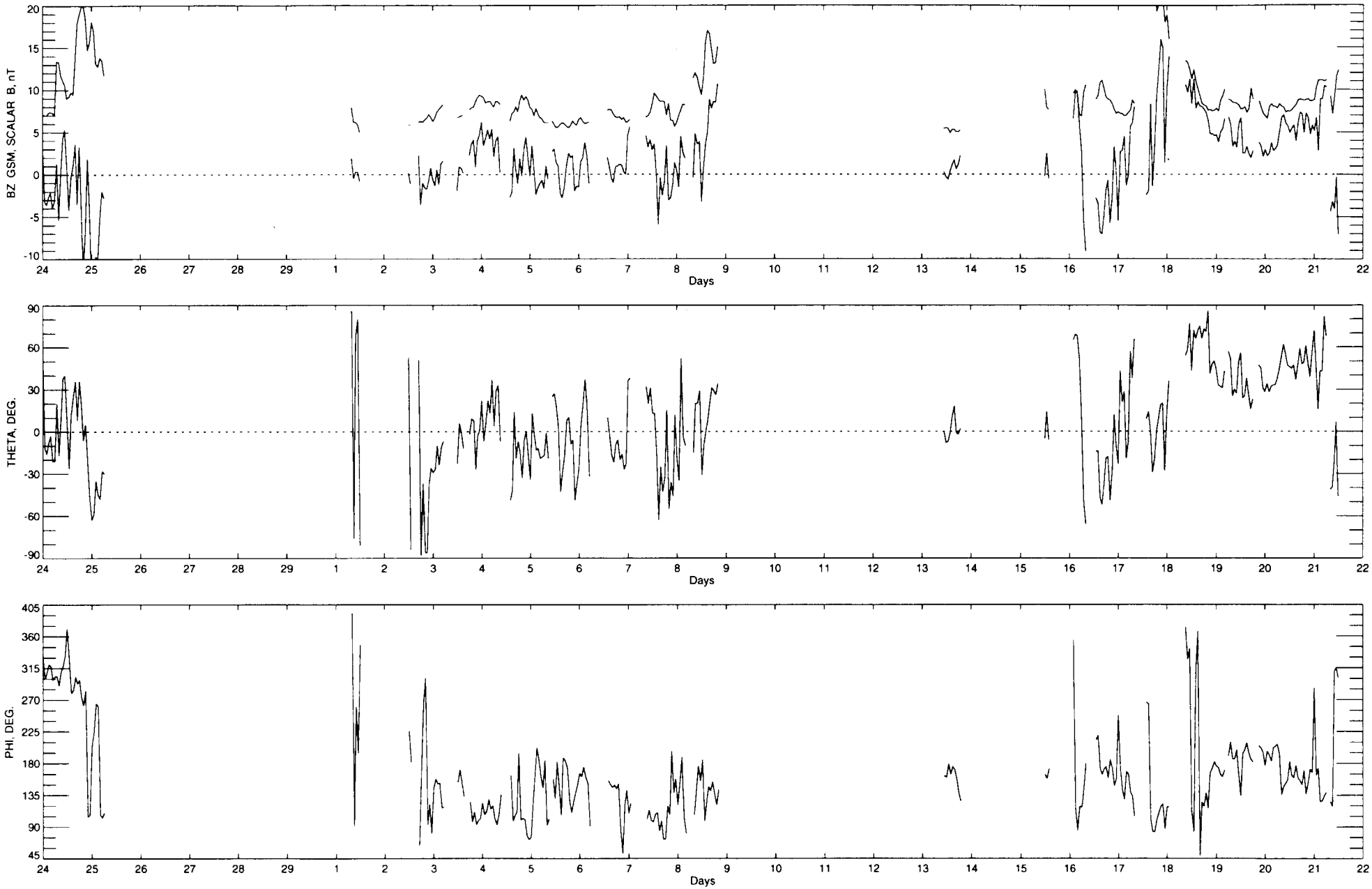



Time span: 92- 1-28 - 92- 2-23
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days
Days
Days

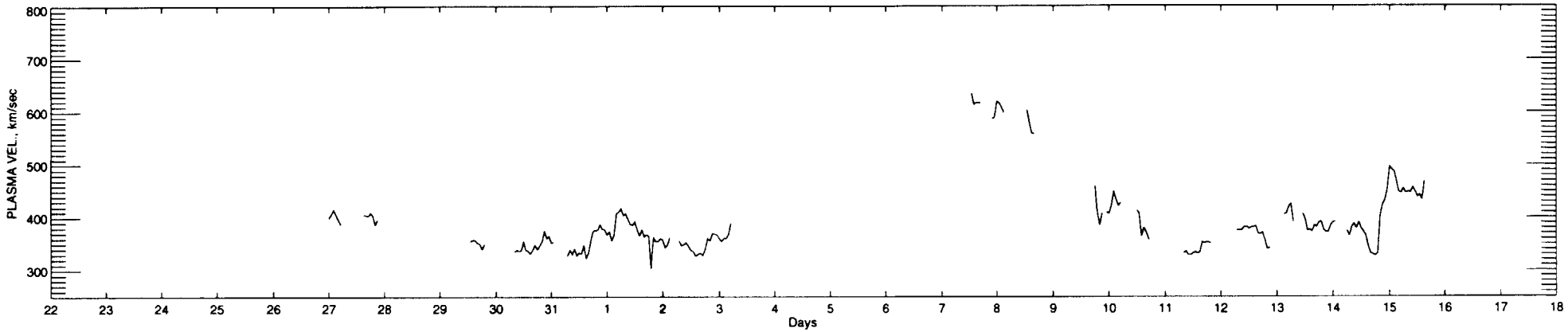
Time span: 92- 2-24 - 92- 3-21

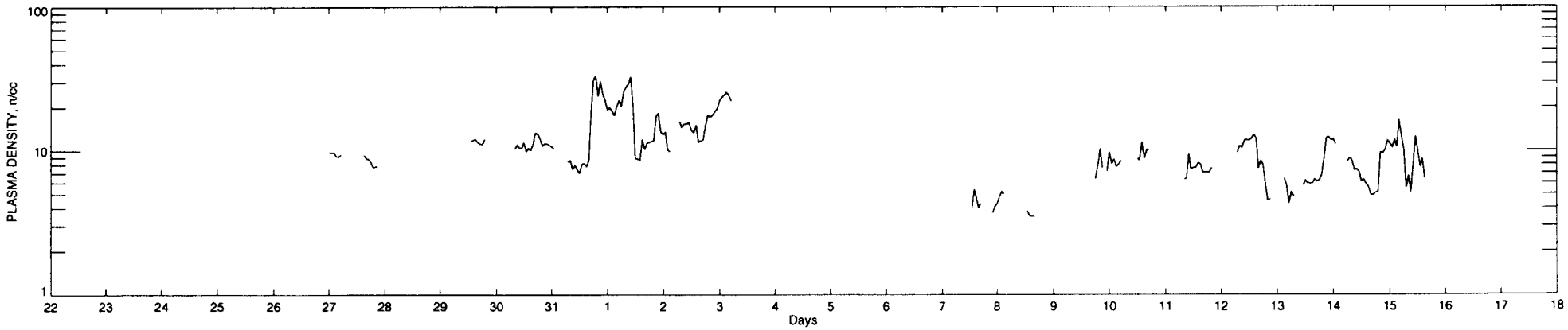


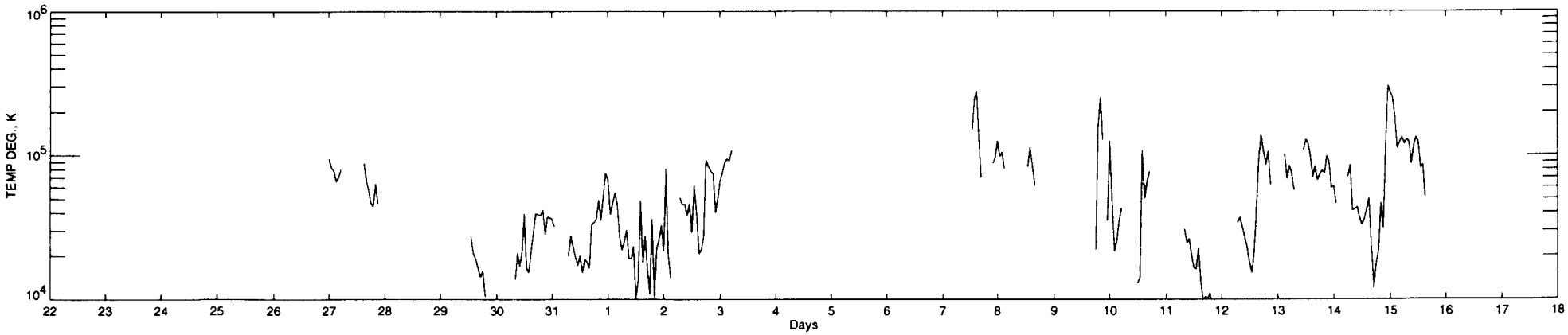
Time span: 92- 2-24 - 92- 3-21



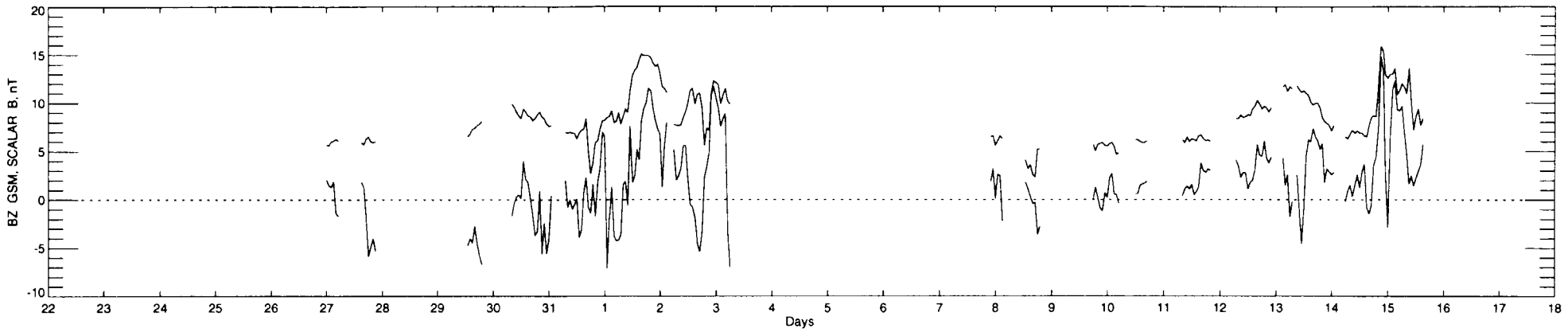
Time span: 92- 3-22 - 92- 4-17

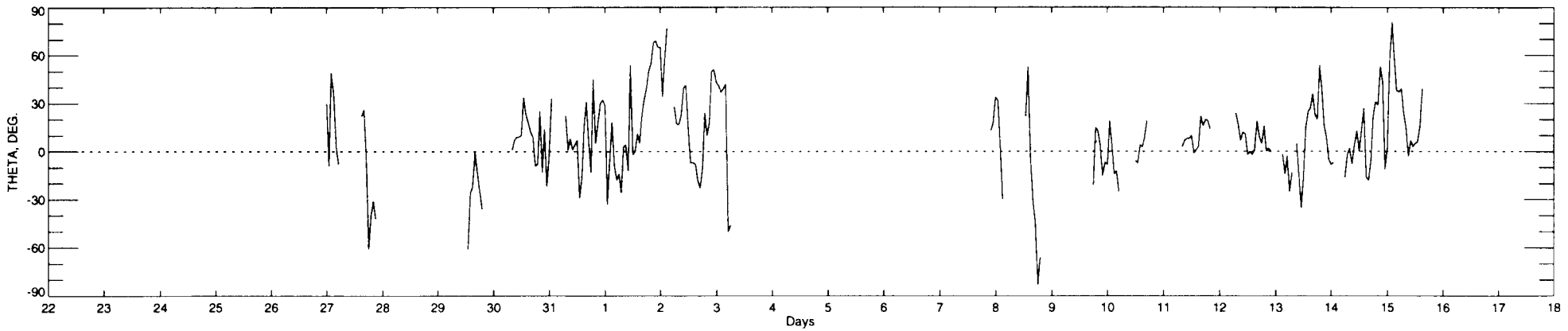


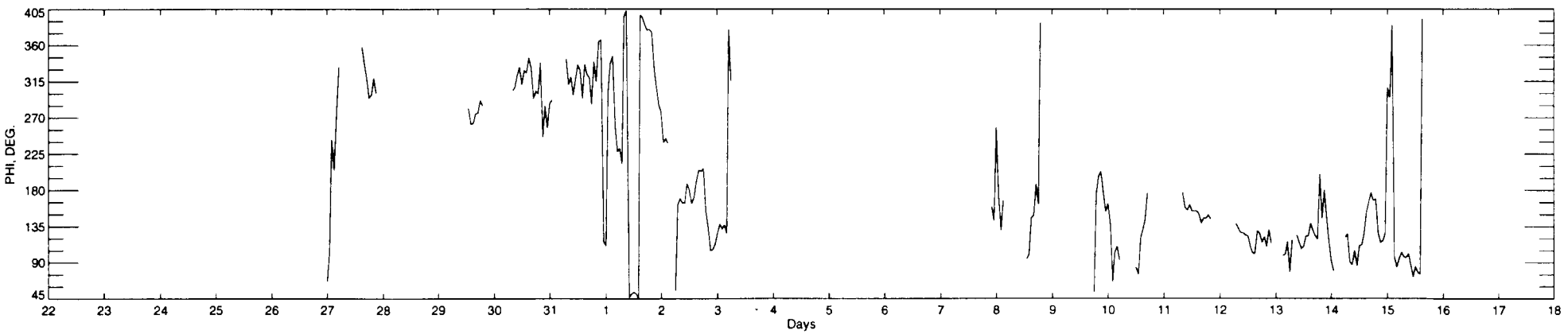




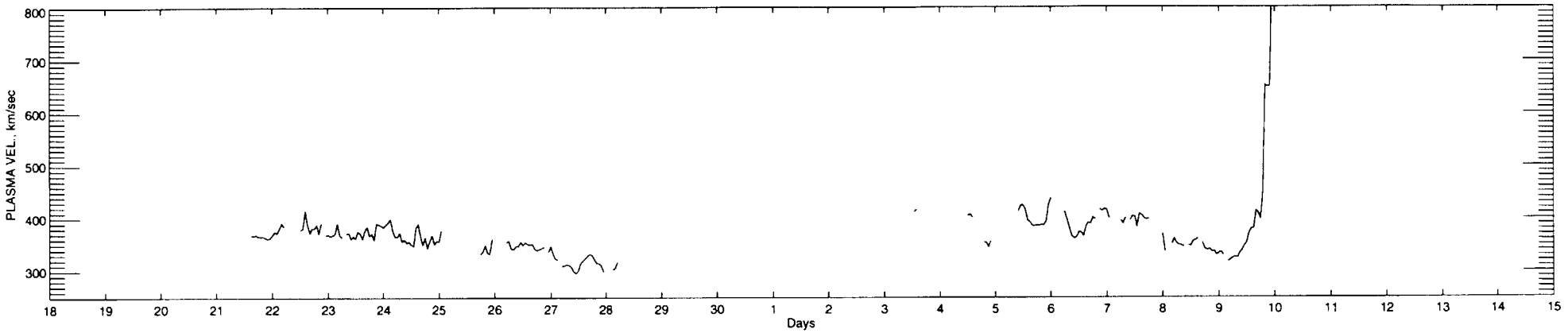
Time span: 92- 3-22 - 92- 4-17

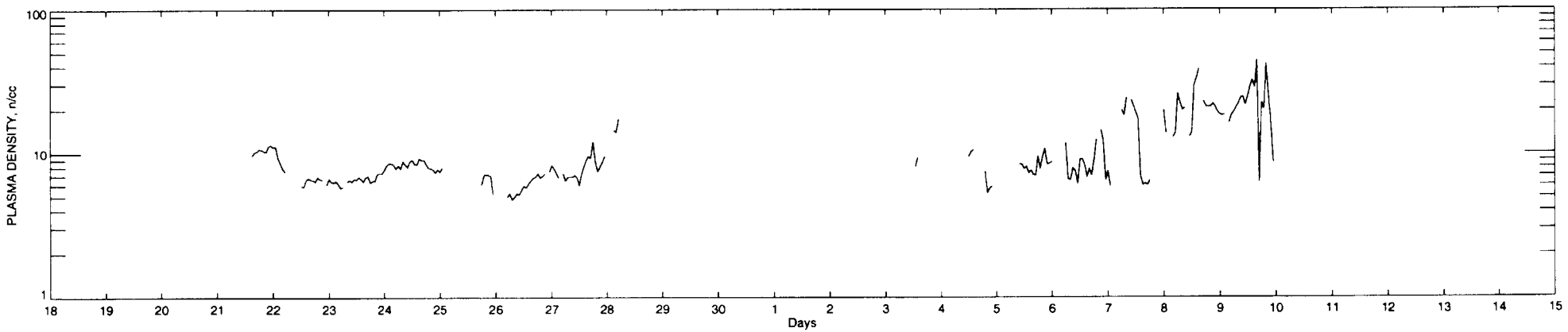


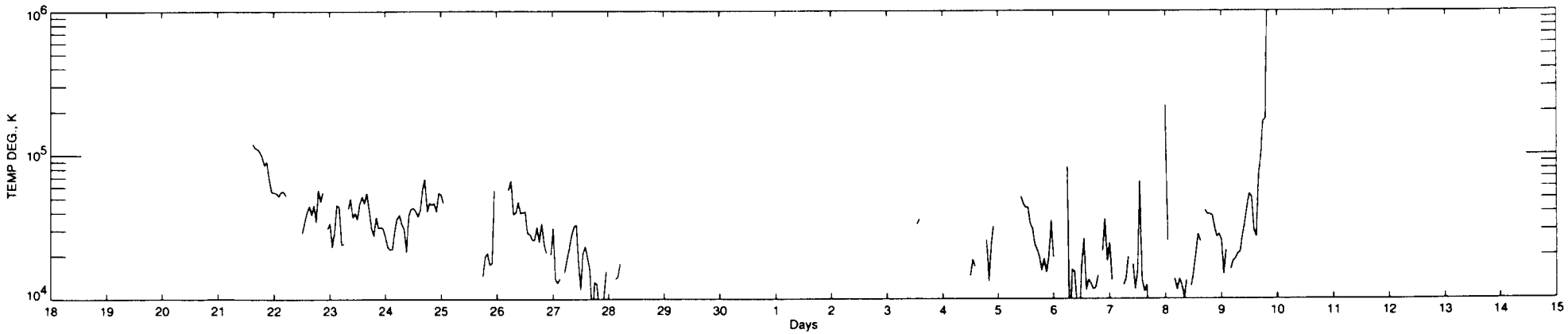


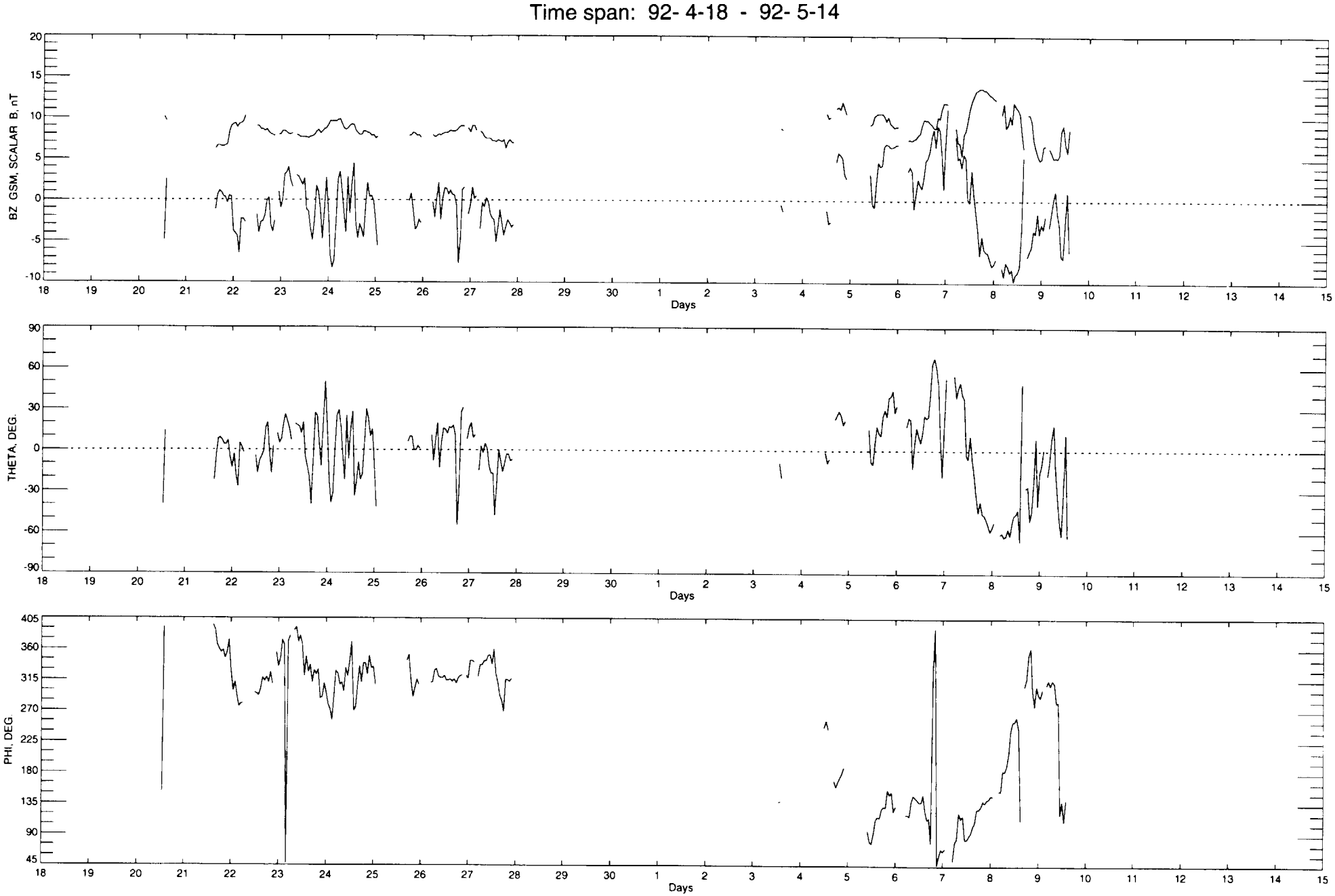


Time span: 92- 4-18 - 92- 5-14

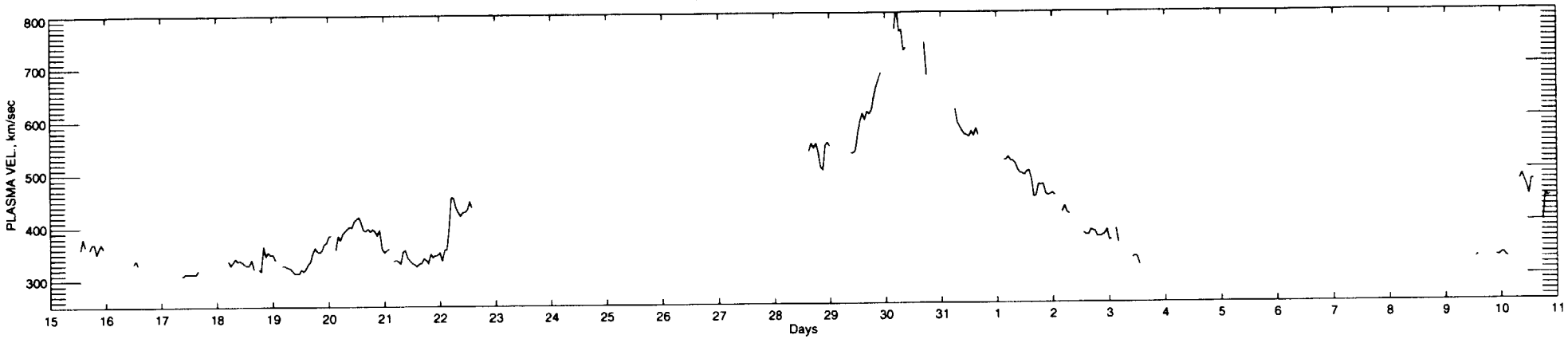


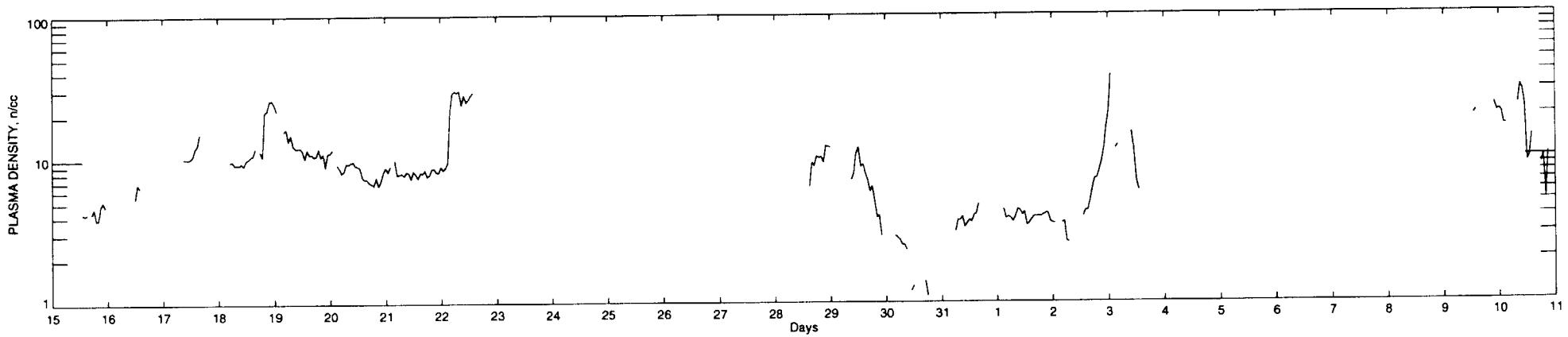


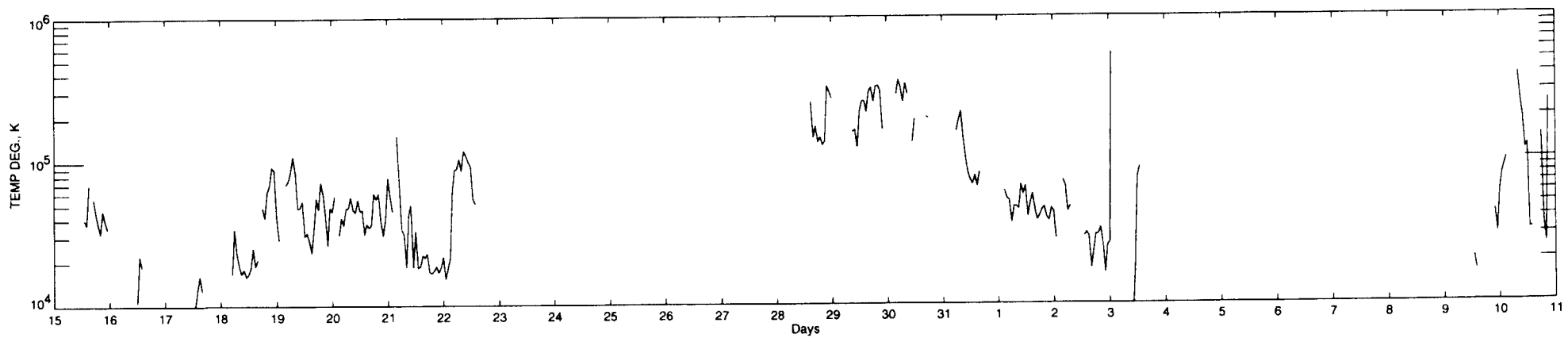


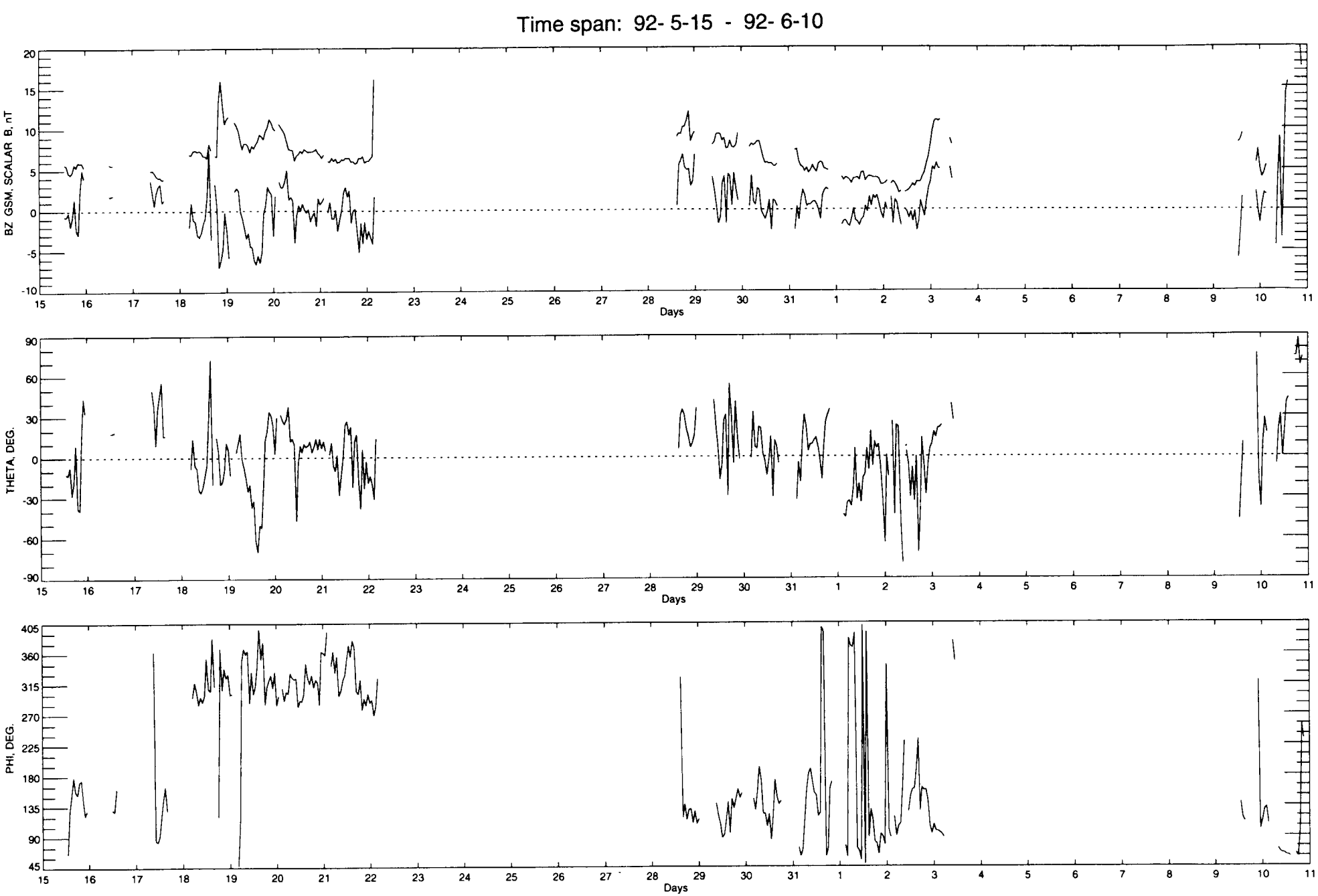

Time span: 92- 4-18 - 92- 5-14
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days
Days
Days

Time span: 92- 5-15 - 92- 6-10

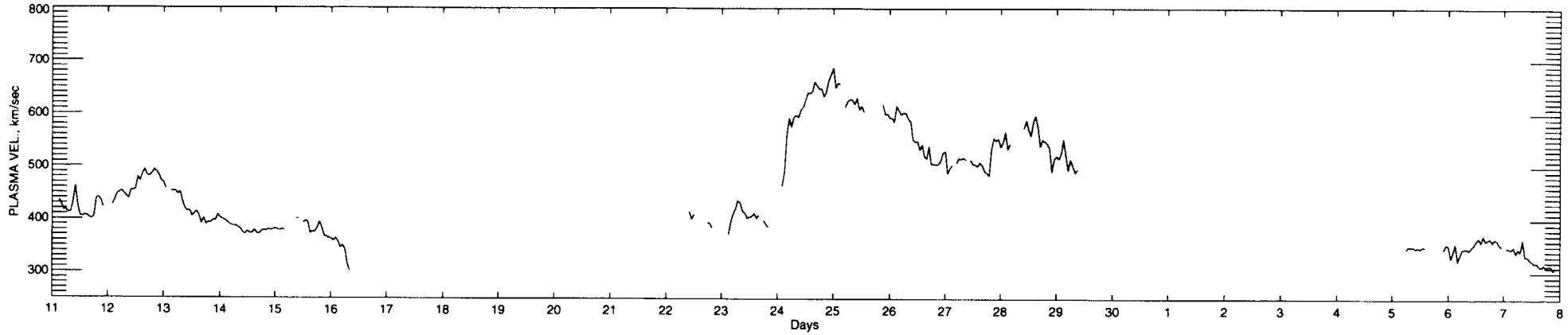


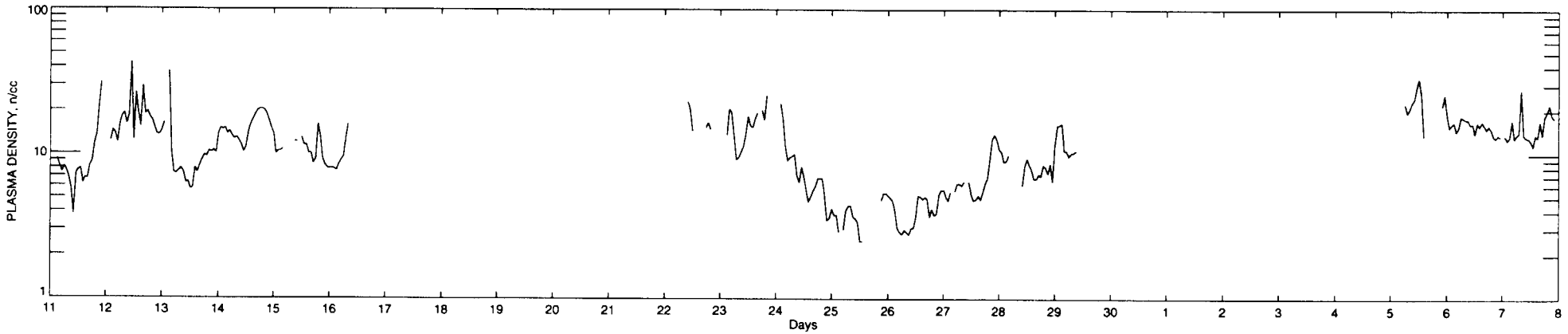


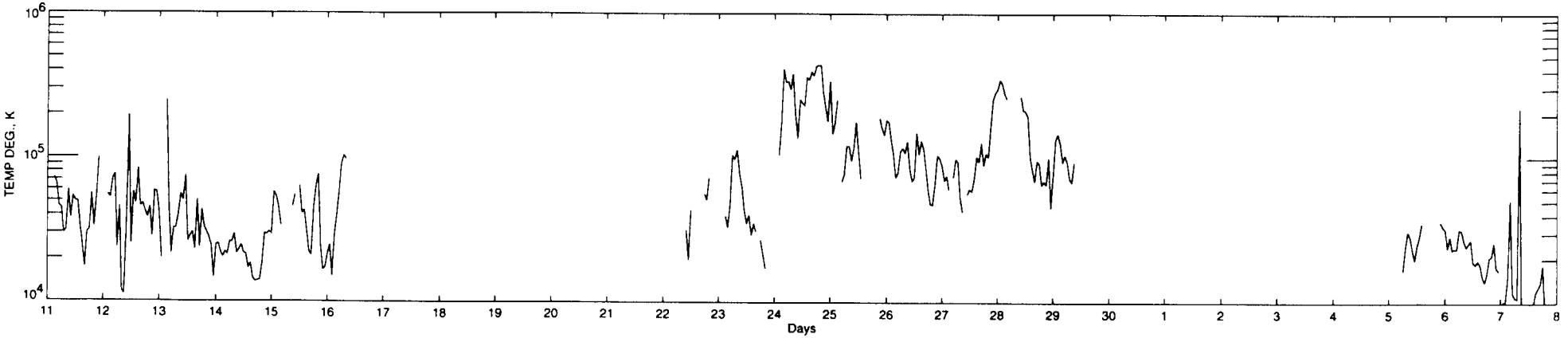



Time span: 92- 5-15 - 92- 6-10
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days
15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11

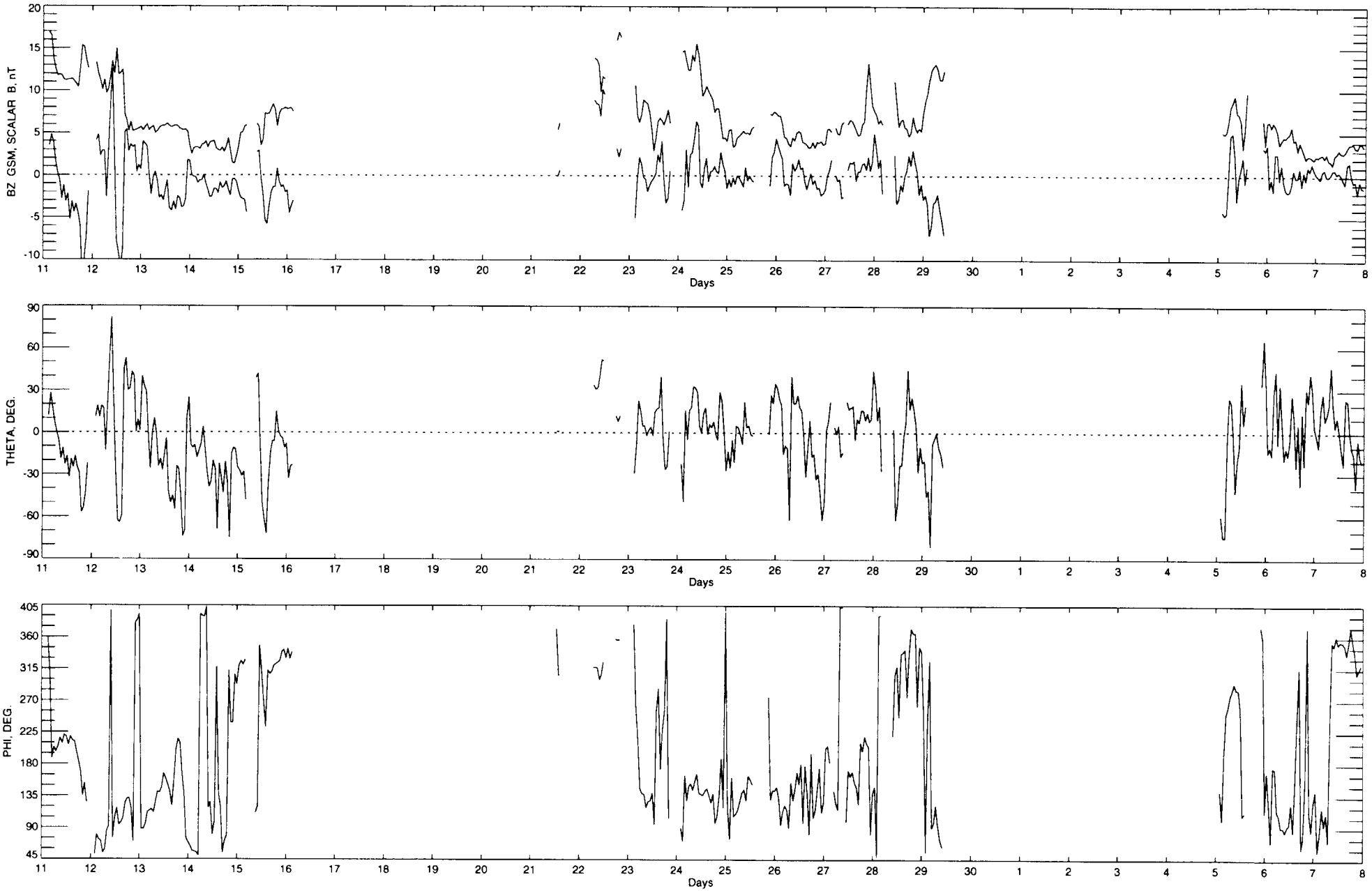
Time span: 92- 6-11 - 92- 7- 7



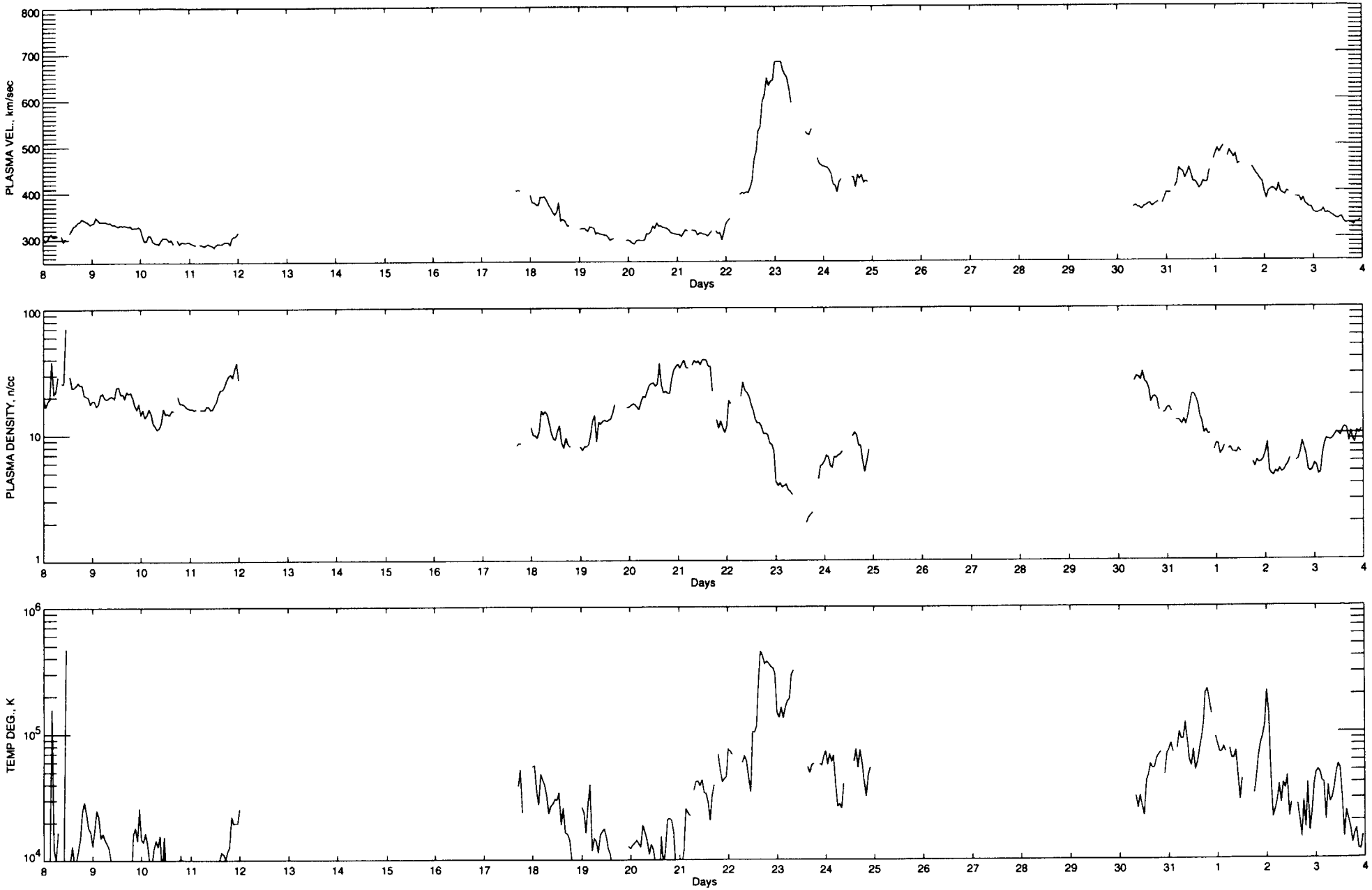




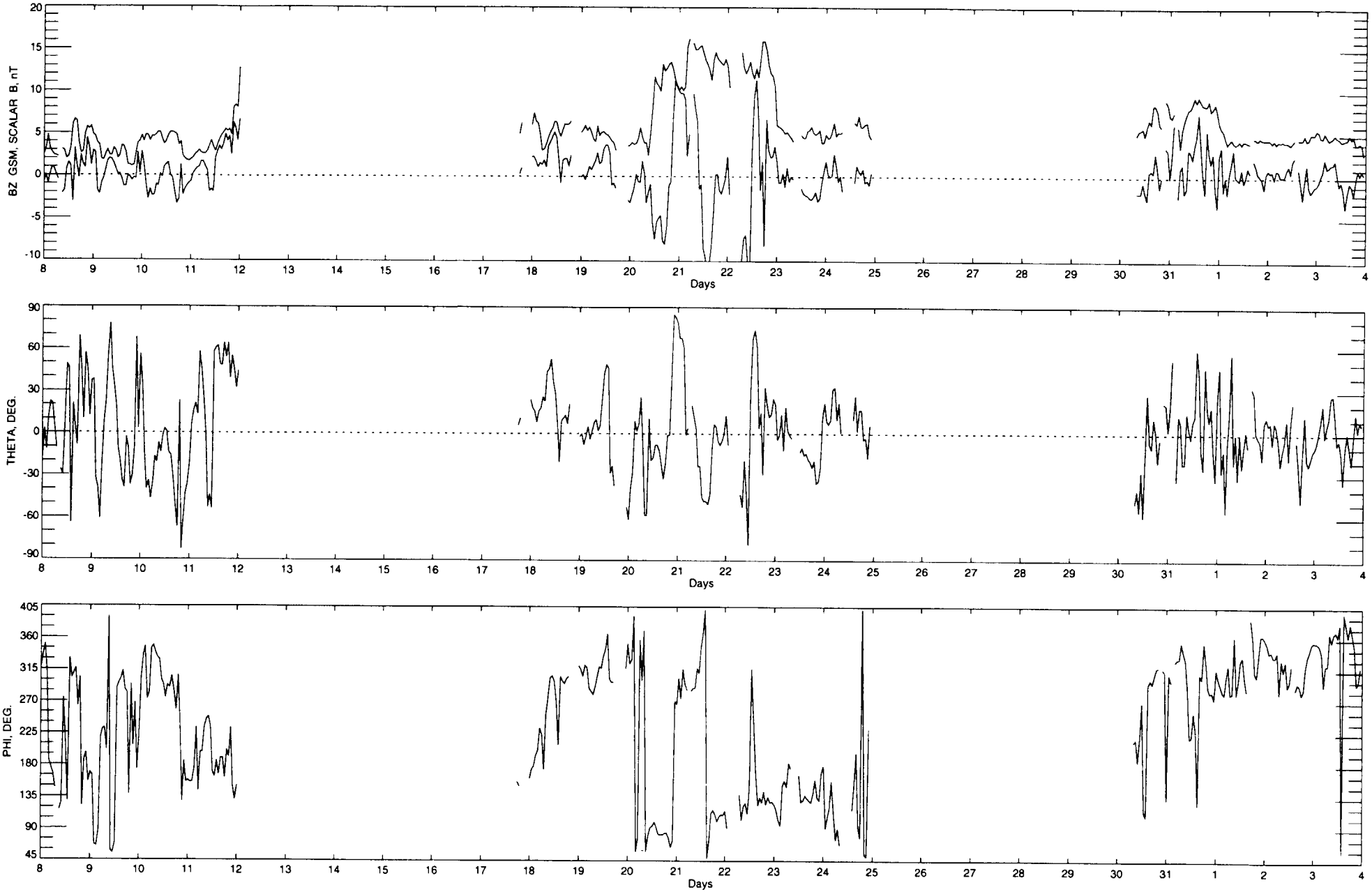
Time span: 92- 6-11 - 92- 7- 7



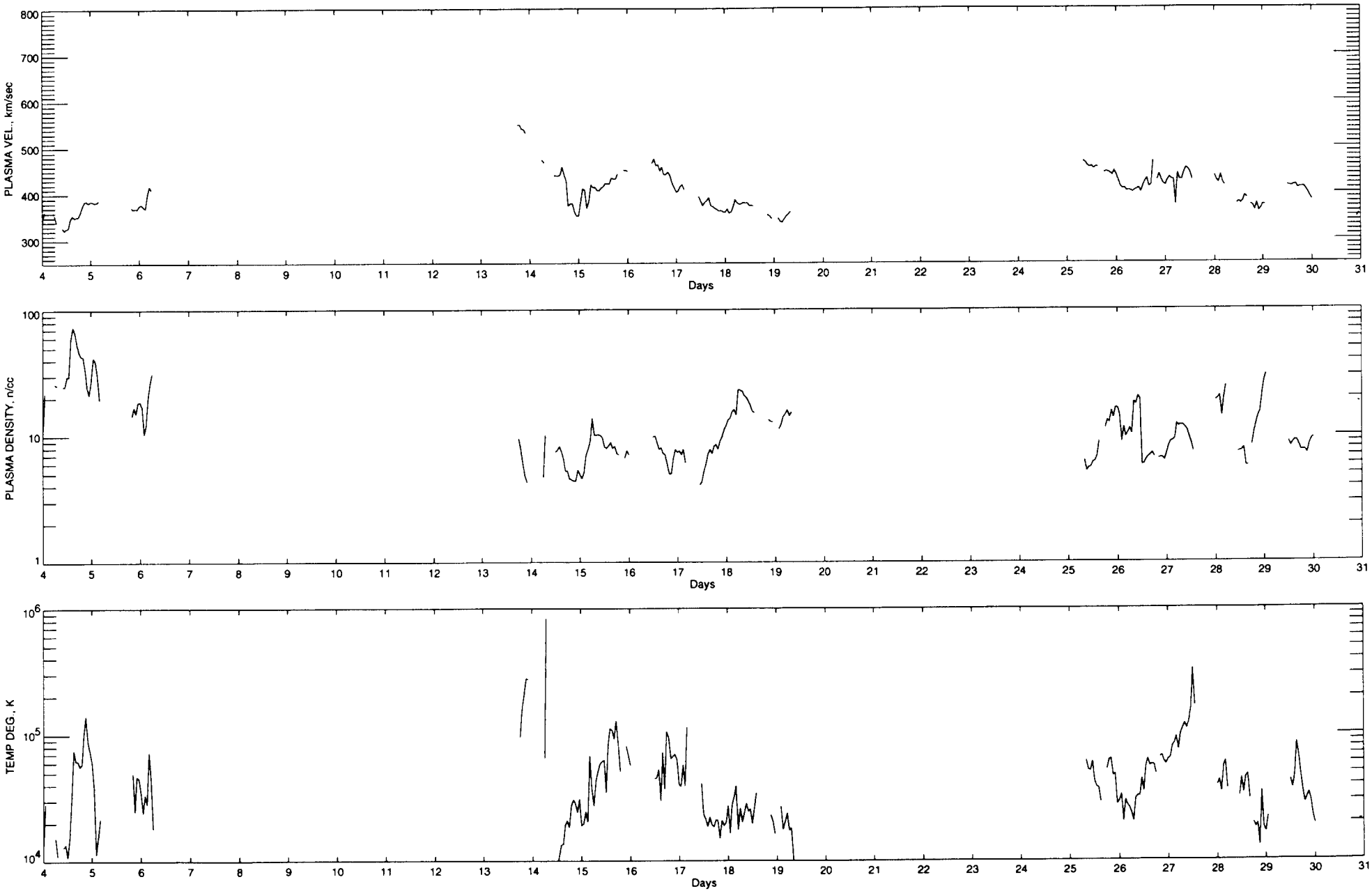
Time span: 92- 7- 8 - 92- 8- 3

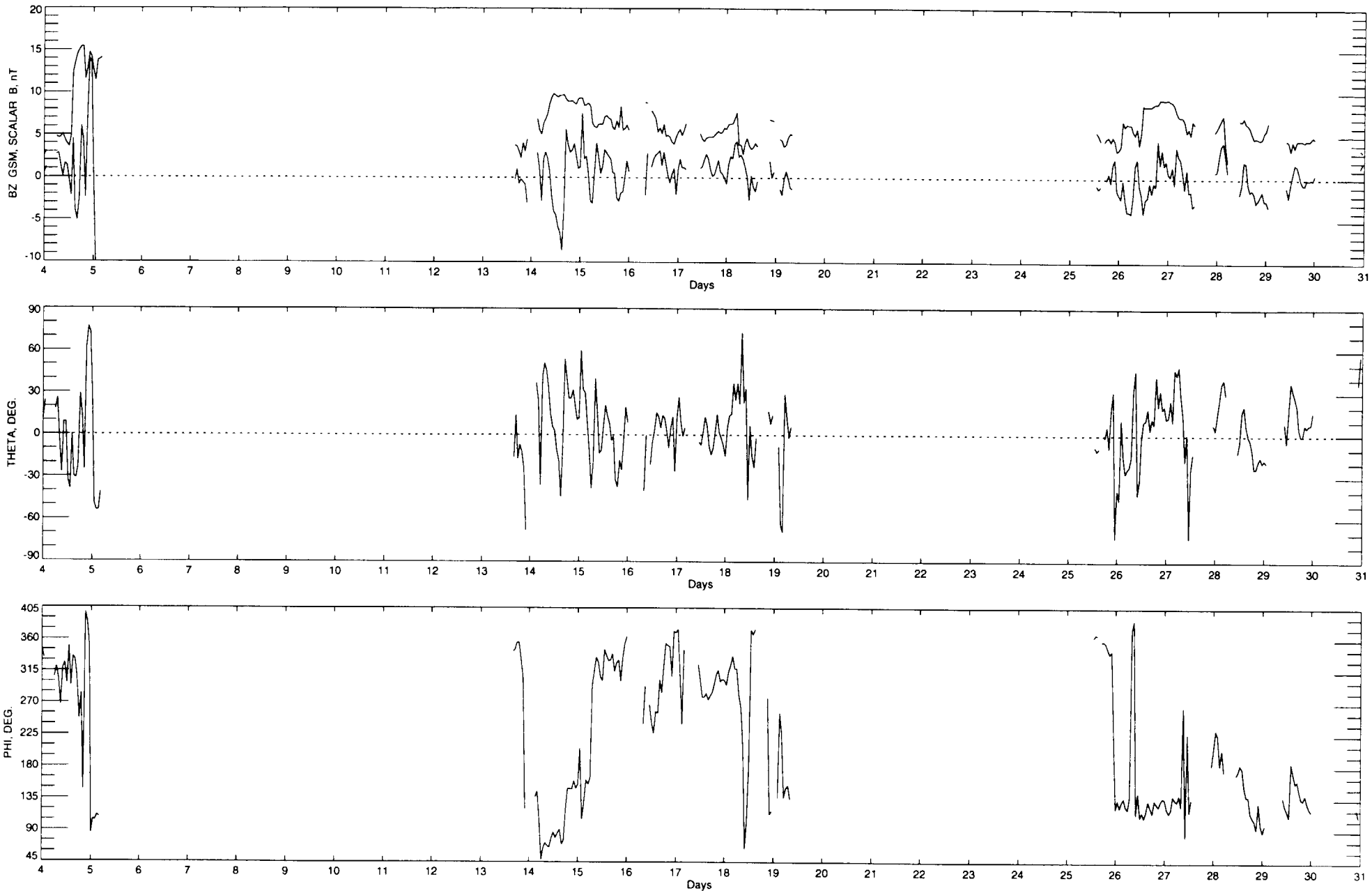


Time span: 92- 7- 8 - 92- 8- 3

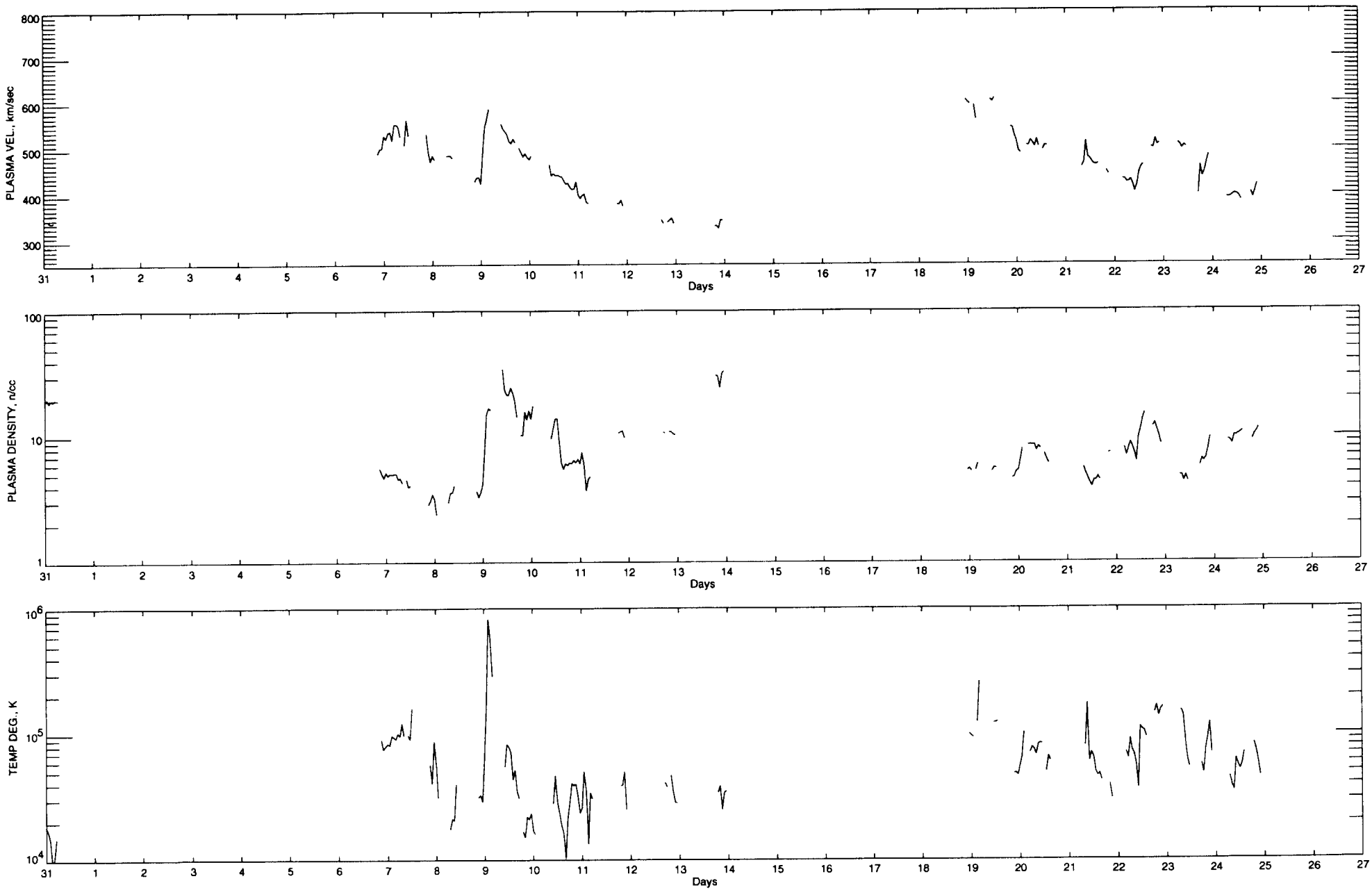


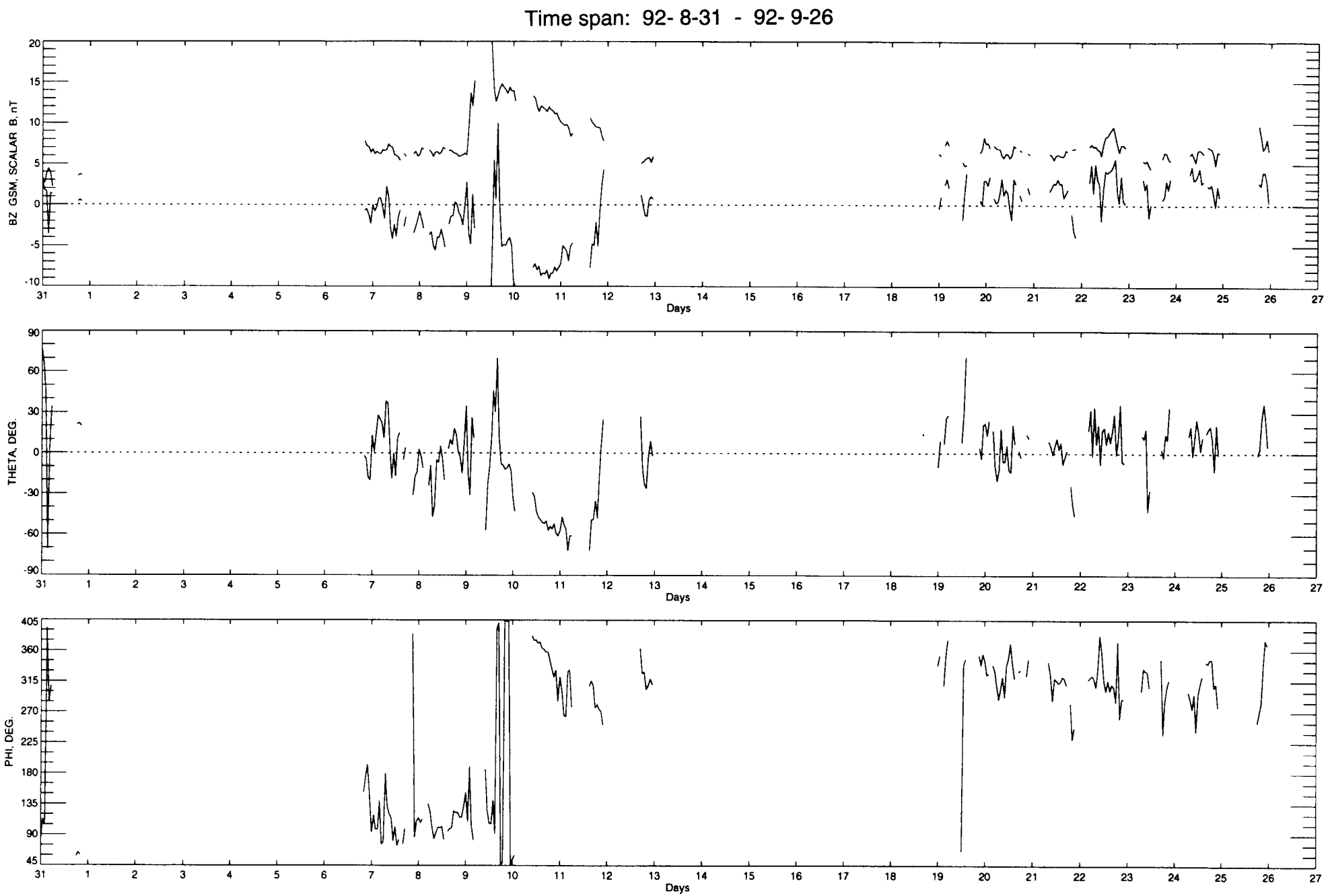
Time span: 92- 8- 4 - 92- 8-30



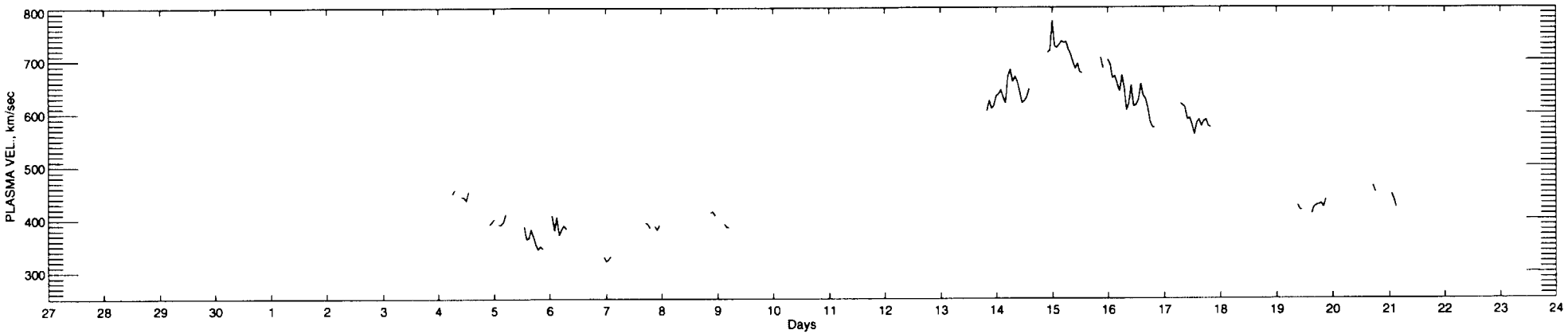

Time span: 92- 8- 4 - 92- 8-30
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days

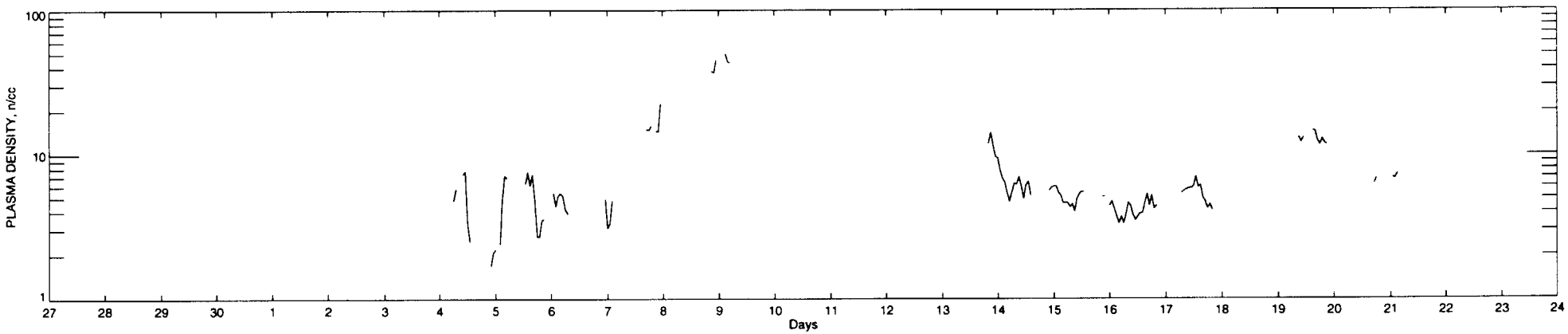
Time span: 92- 8-31 - 92- 9-26

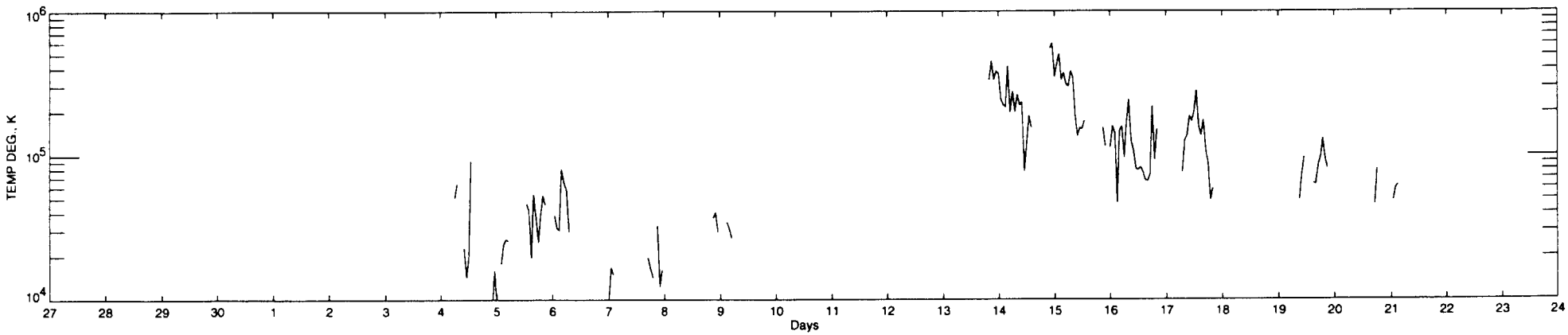



Time span: 92- 8-31 - 92- 9-26
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days
31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27

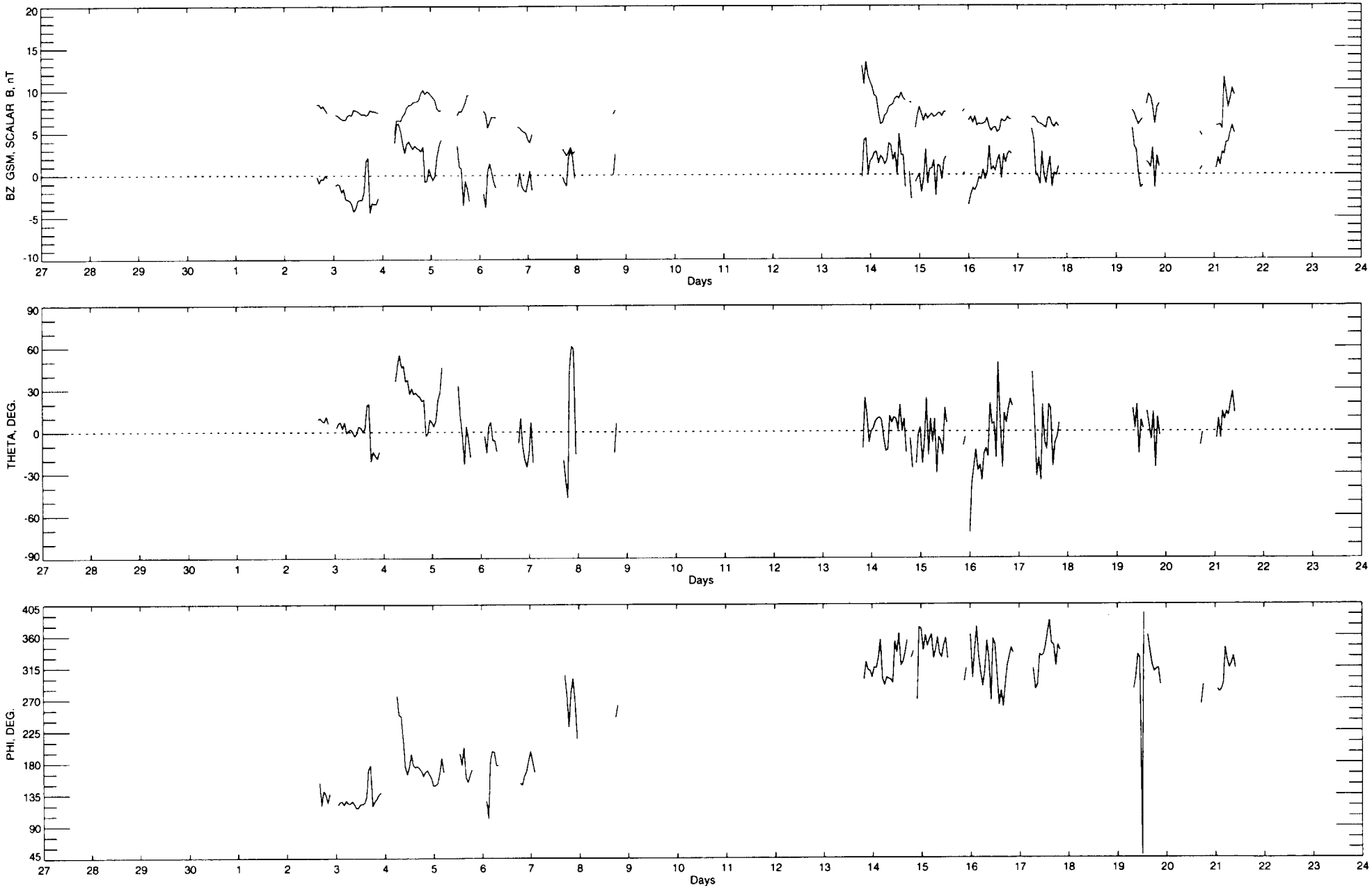
Time span: 92- 9-27 - 92-10-23

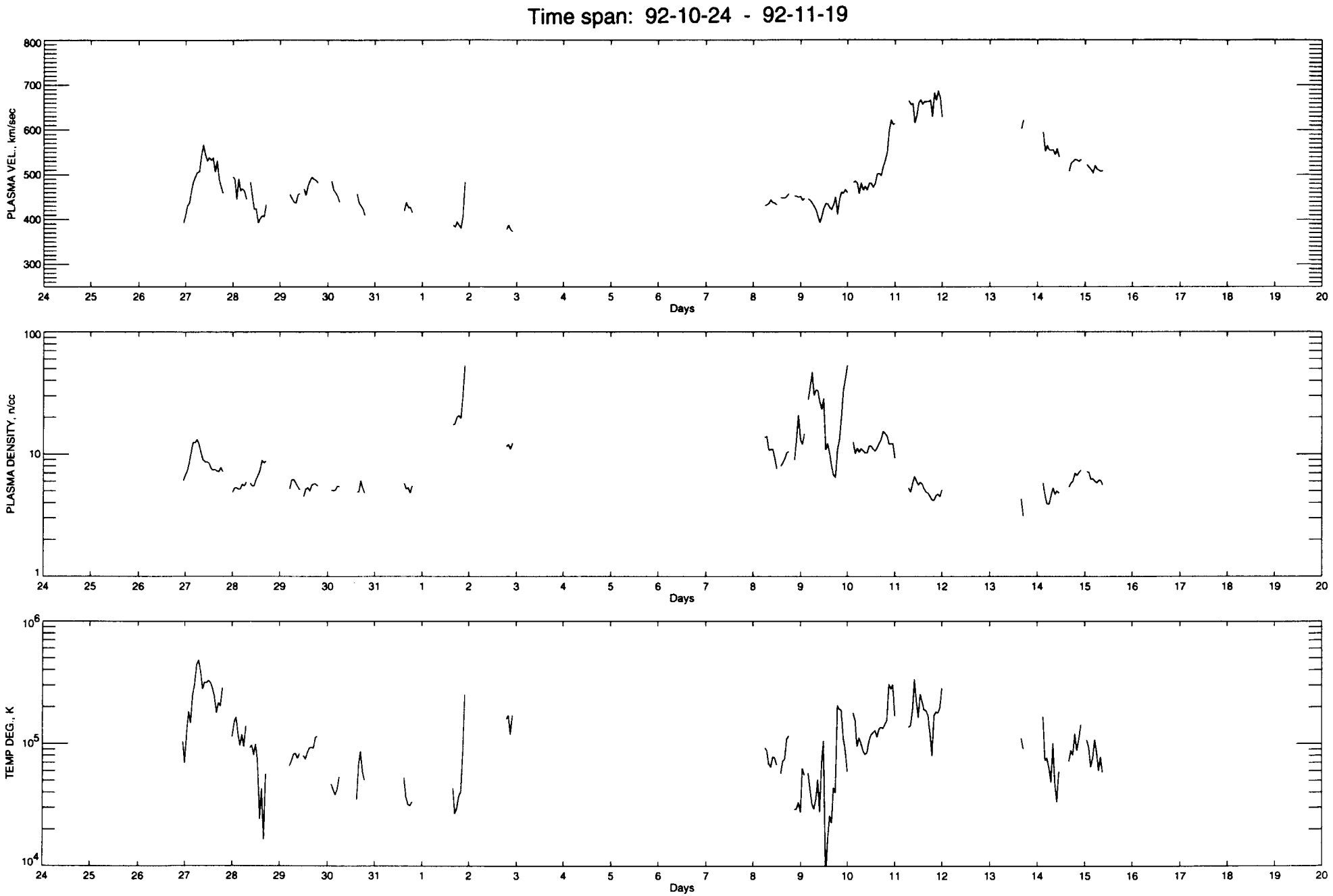


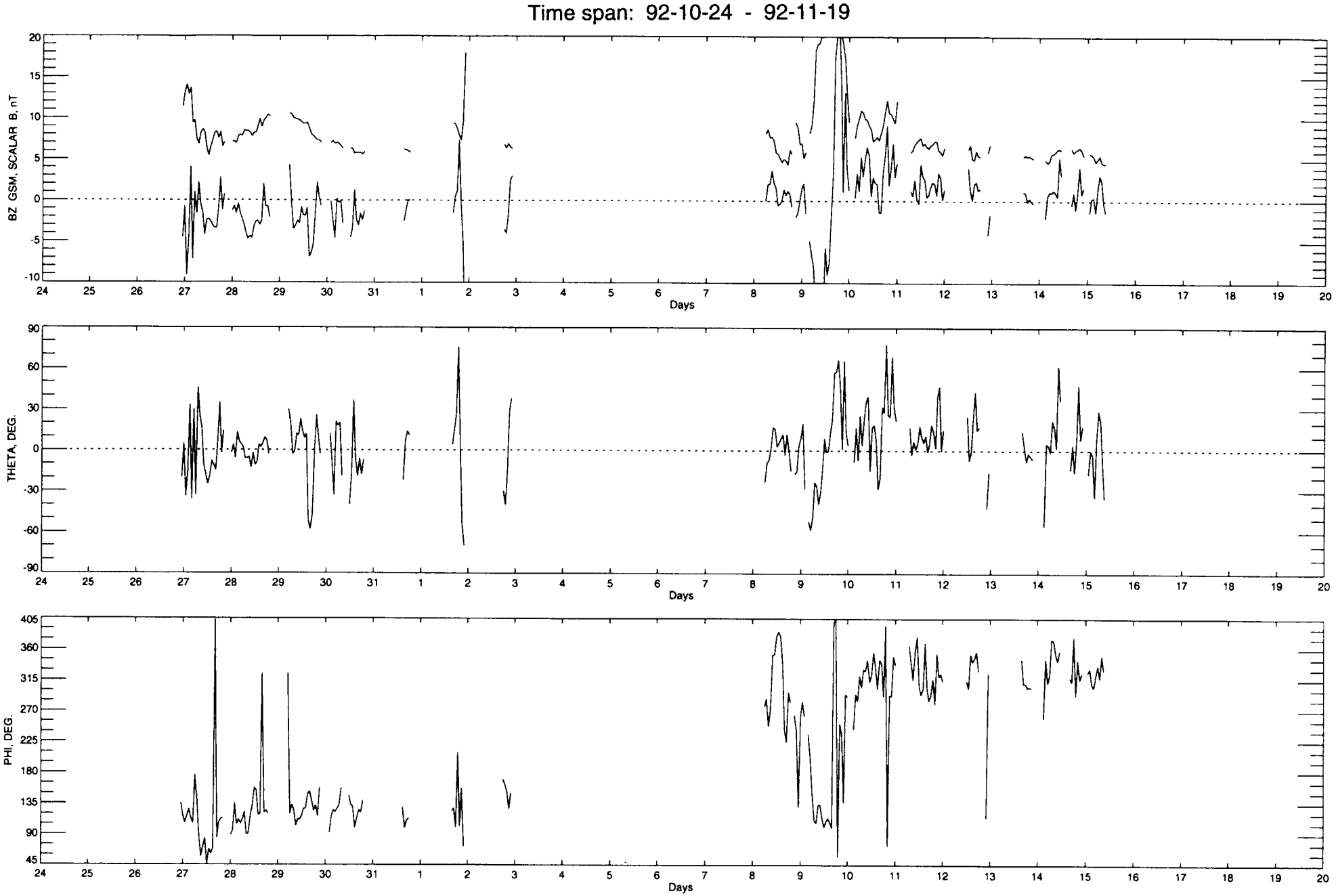




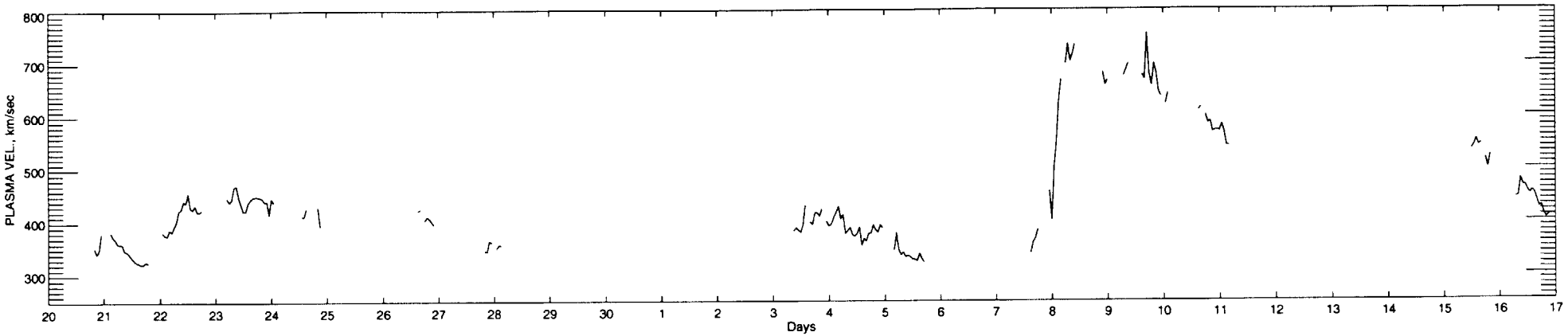
Time span: 92- 9-27 - 92-10-23

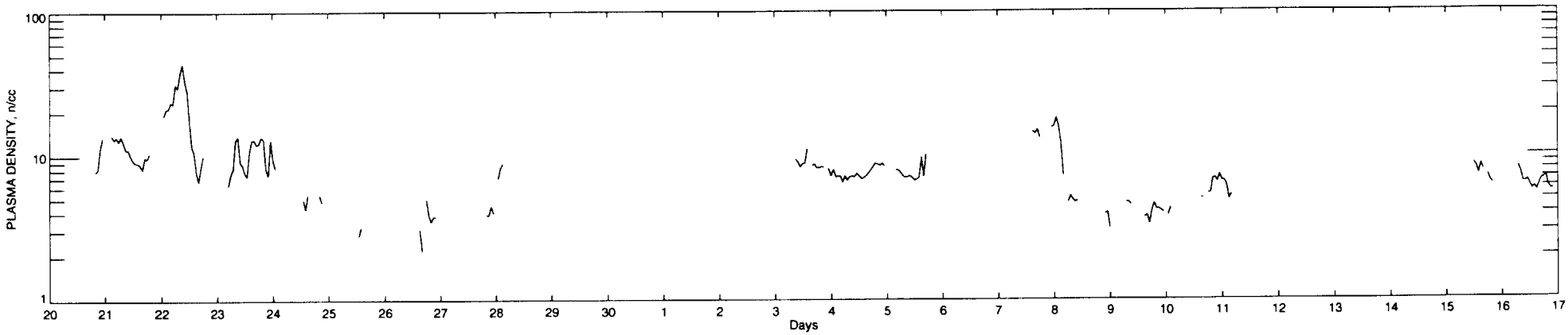


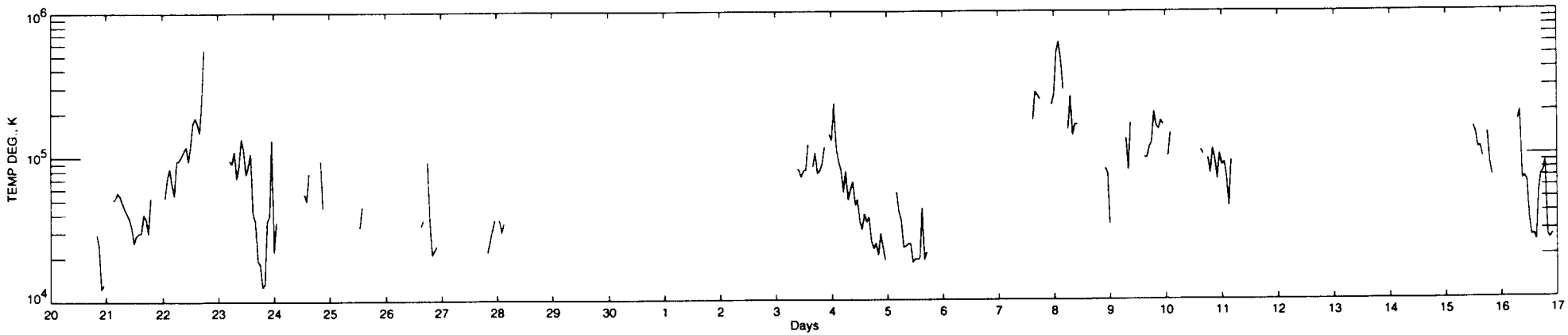

Time span: 92-10-24 - 92-11-19
PLASMA VEL., km/sec
800
700
600
500
400
300
24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
Days
PLASMA DENSITY, n/cc
100
10
1
24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
Days
TEMP DEG., K
10^6
10^5
10^4
24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
Days

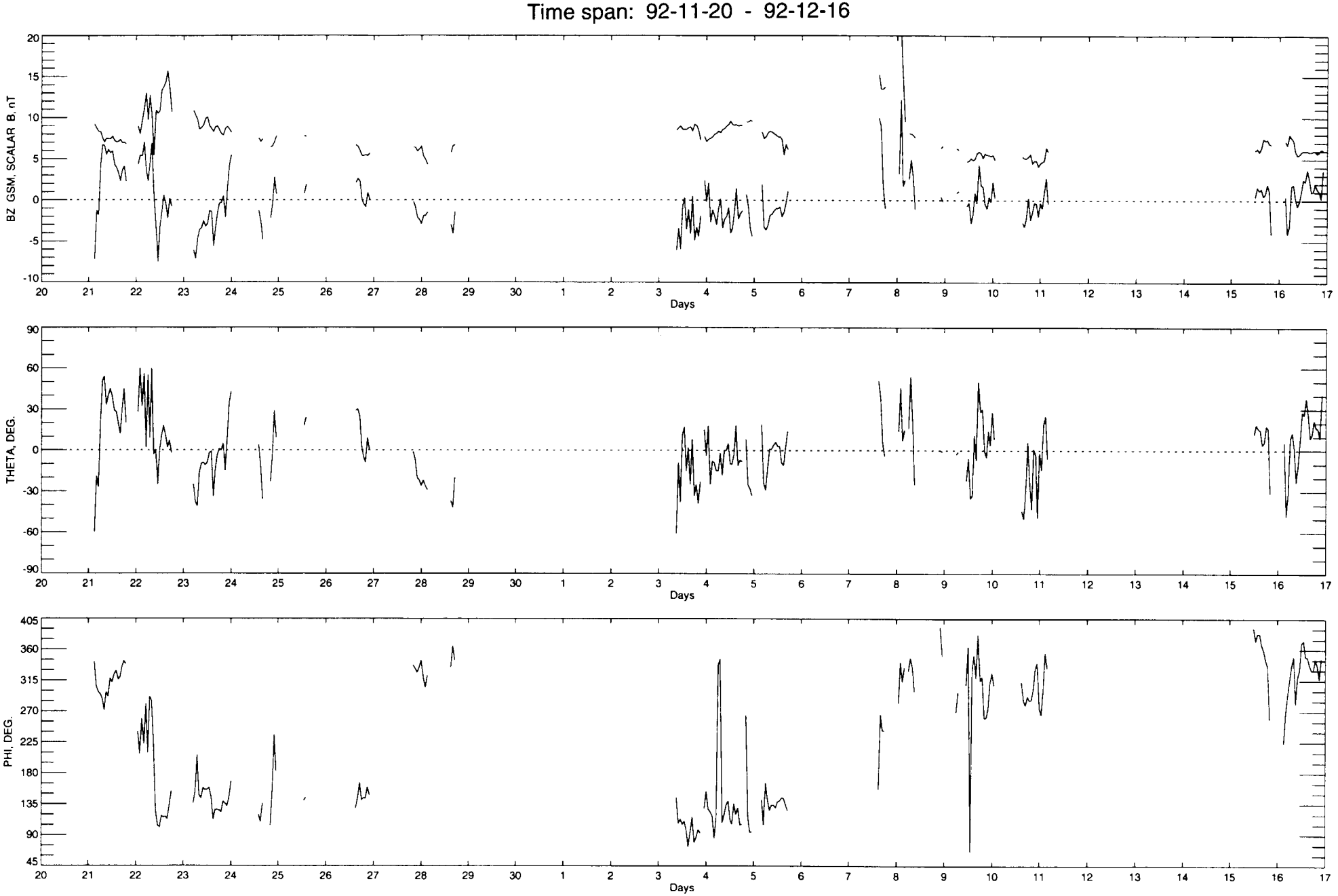

Time span: 92-10-24 - 92-11-19
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days

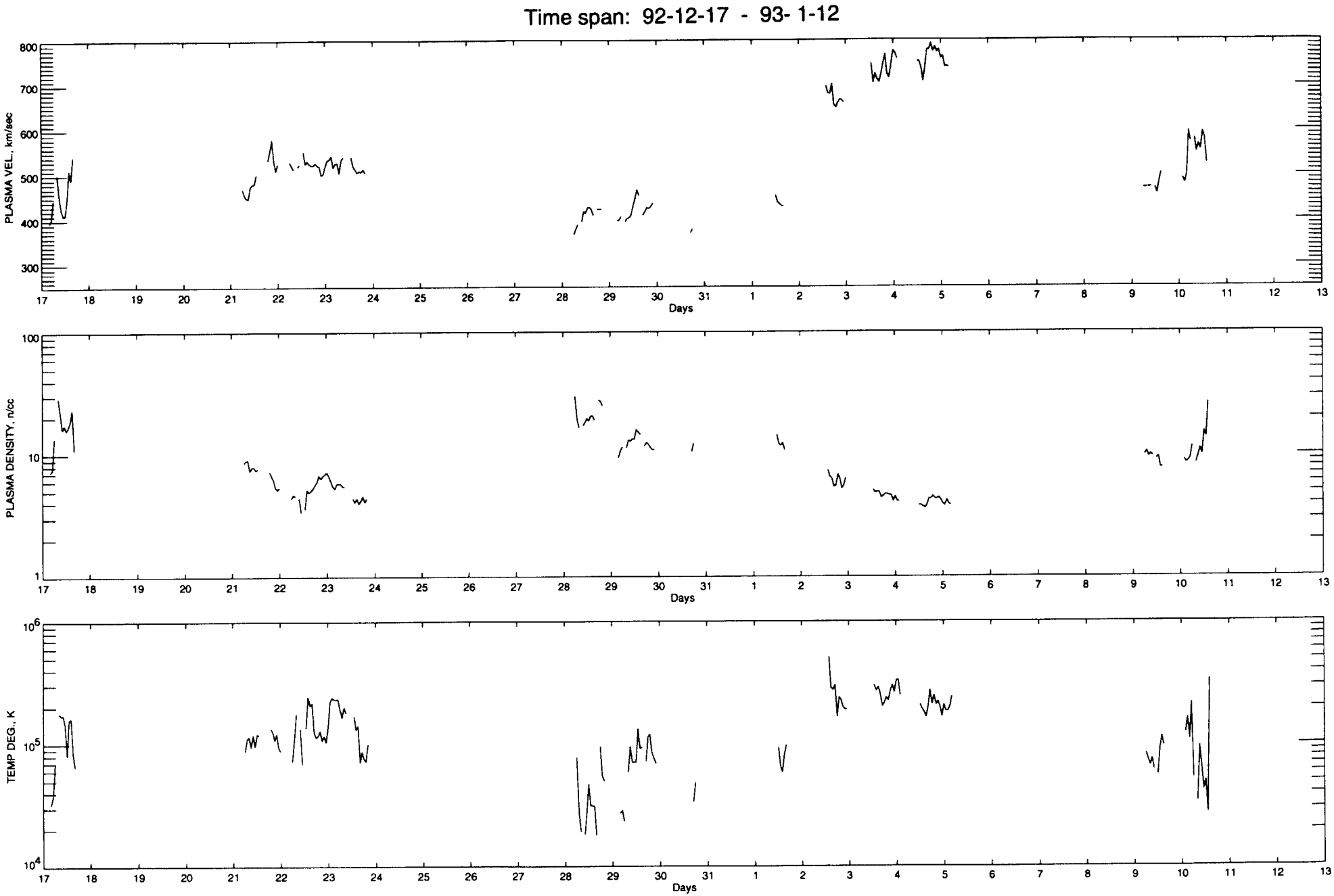
Time span: 92-11-20 - 92-12-16

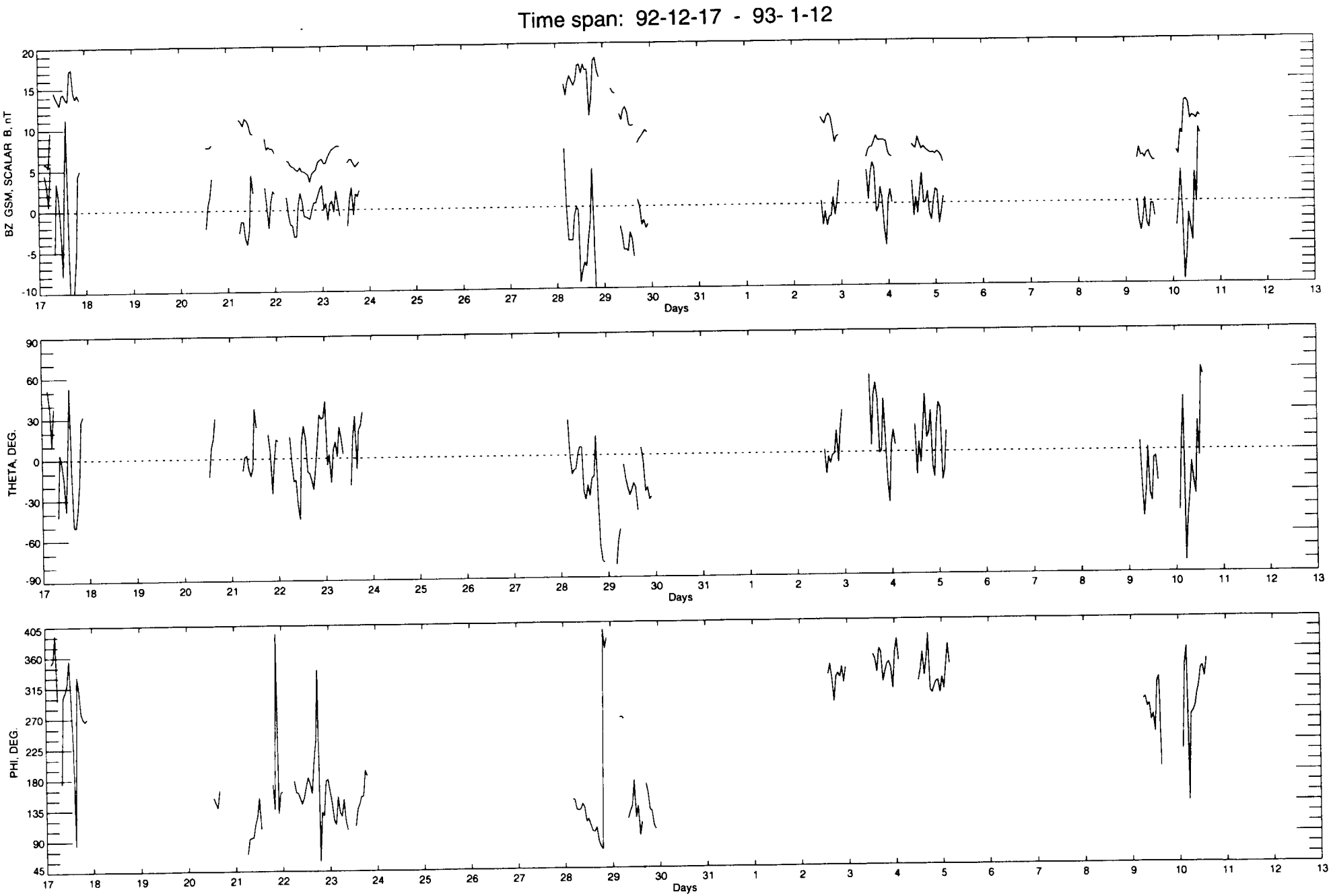




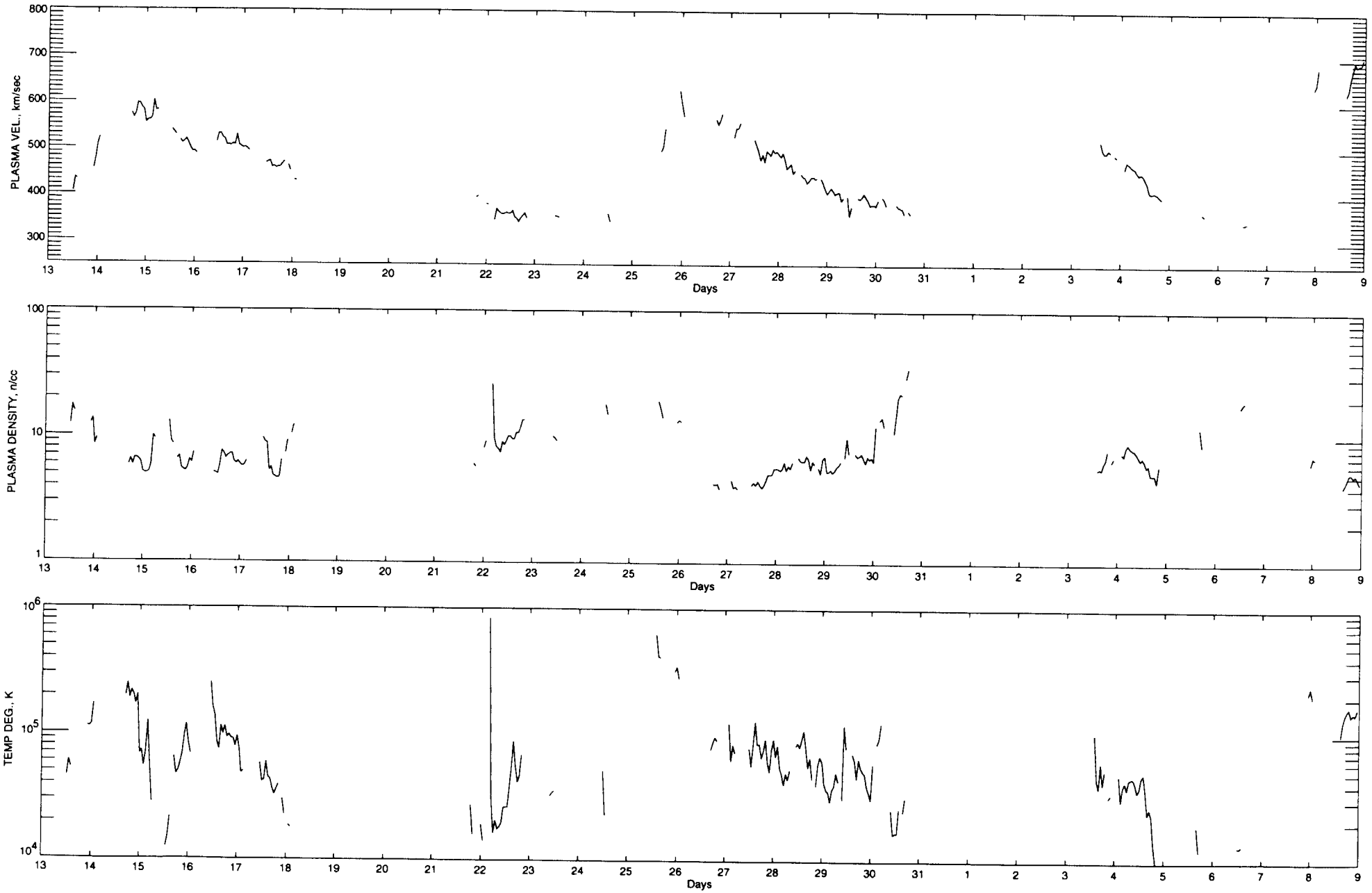


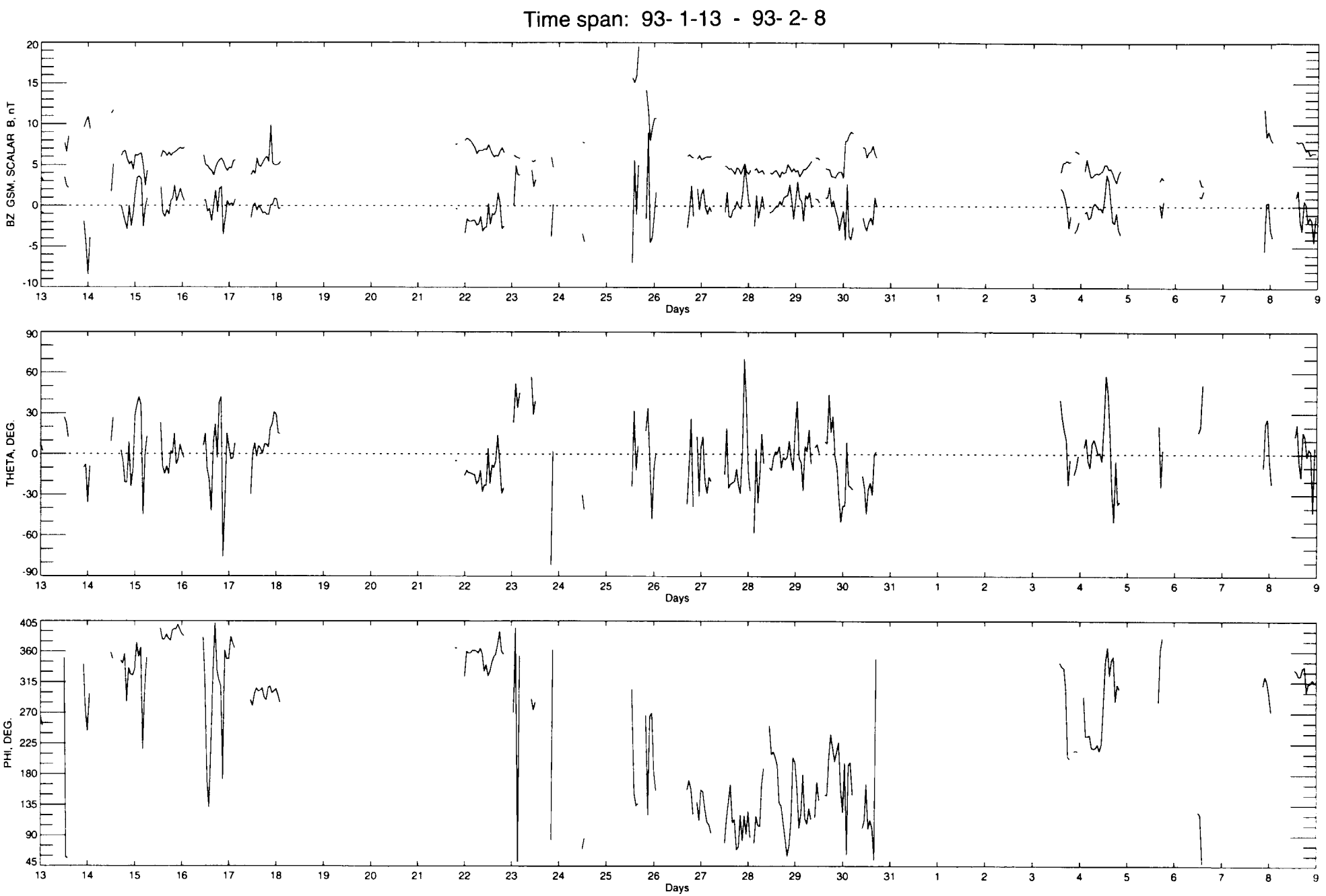

Time span: 92-11-20 - 92-12-16
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days


Time span: 92-12-17 - 93- 1-12
PLASMA VEL., km/sec
800
700
600
500
400
300
PLASMA DENSITY, n/cc
100
10
1
TEMP DEG., K
10^6
10^5
10^4
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13
Days

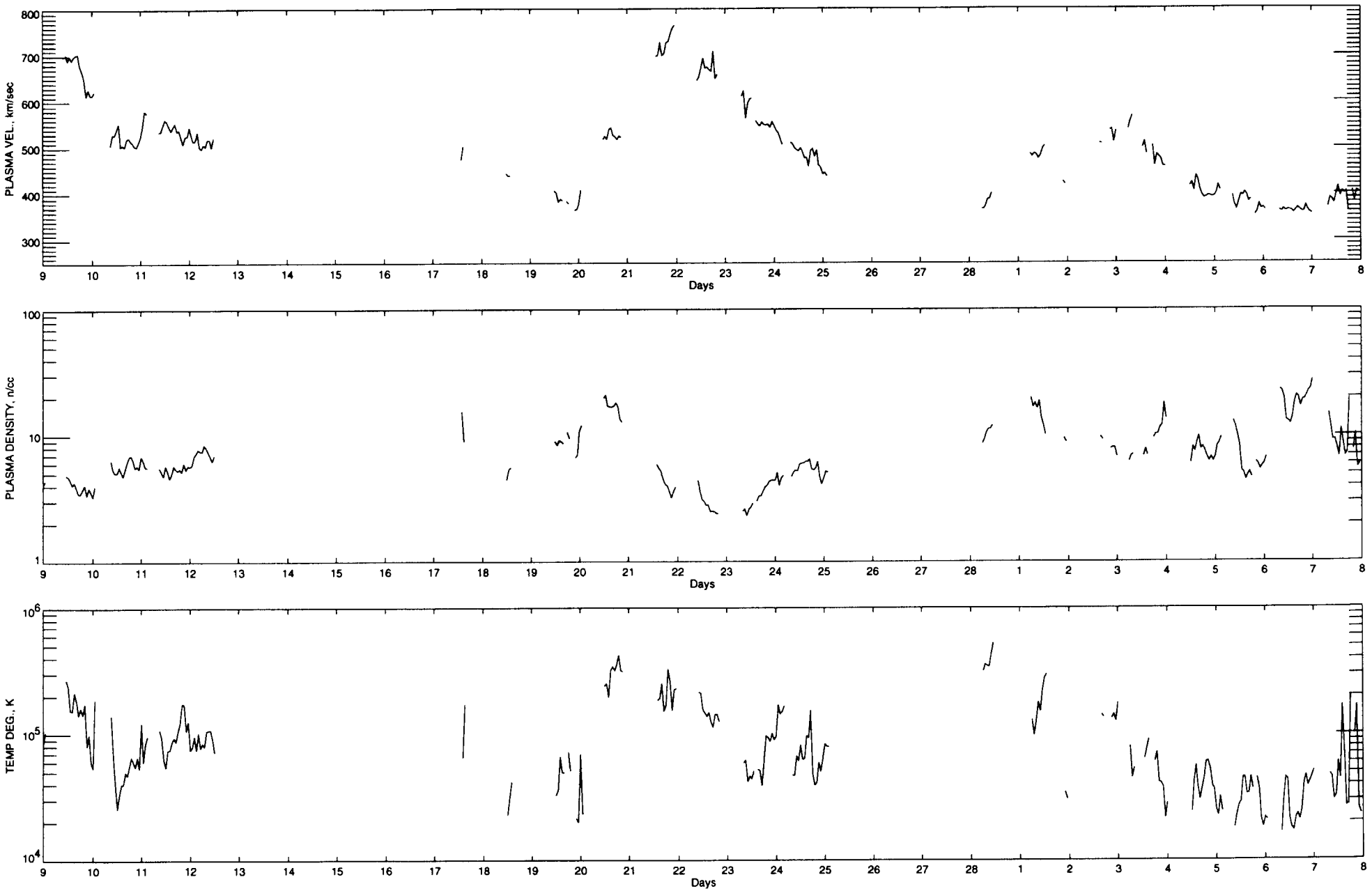

Time span: 92-12-17 - 93- 1-12
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days

Time span: 93- 1-13 - 93- 2- 8

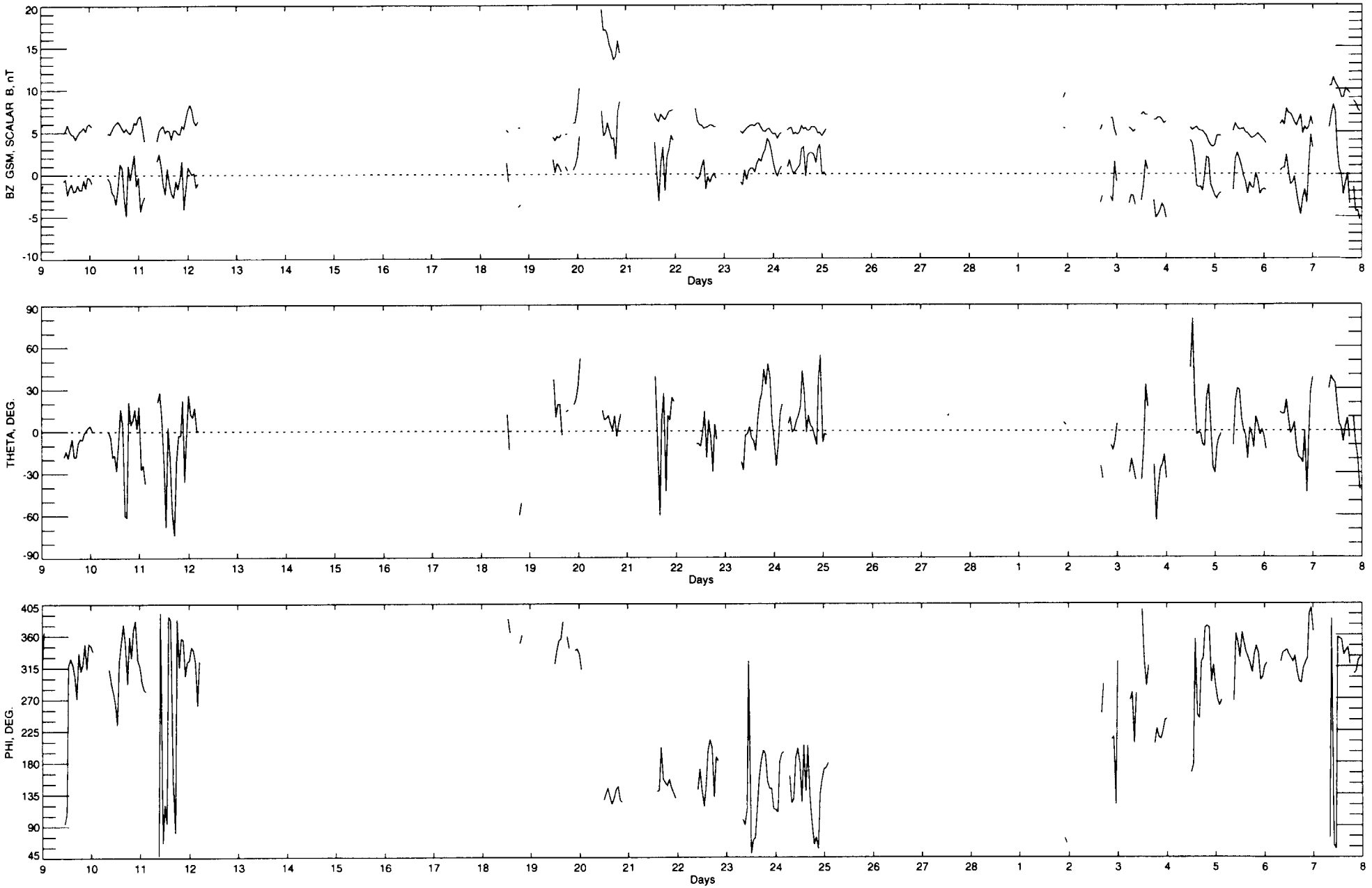



Time span: 93- 1-13 - 93- 2- 8
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days
13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9

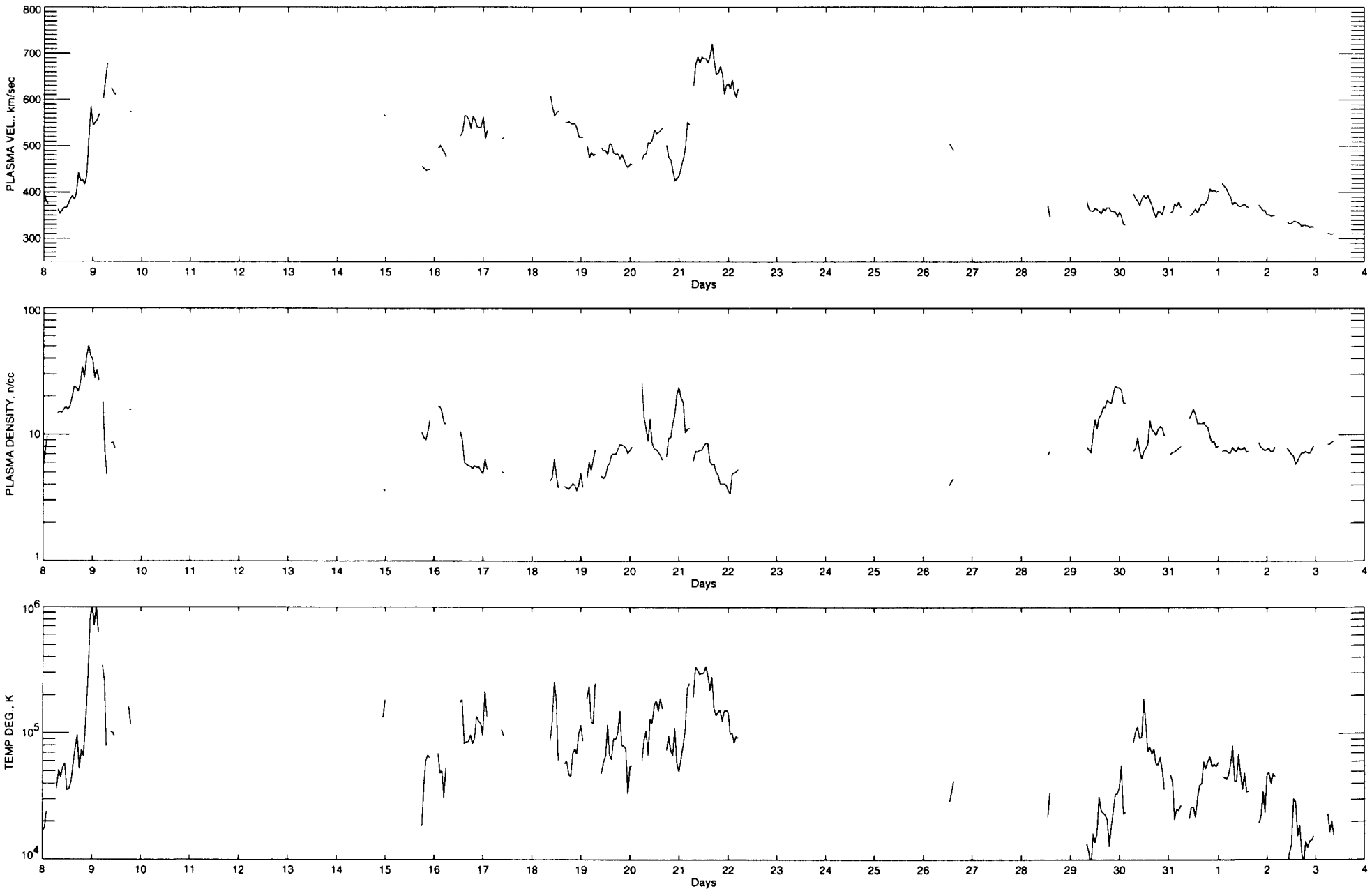
Time span: 93- 2- 9 - 93- 3- 7



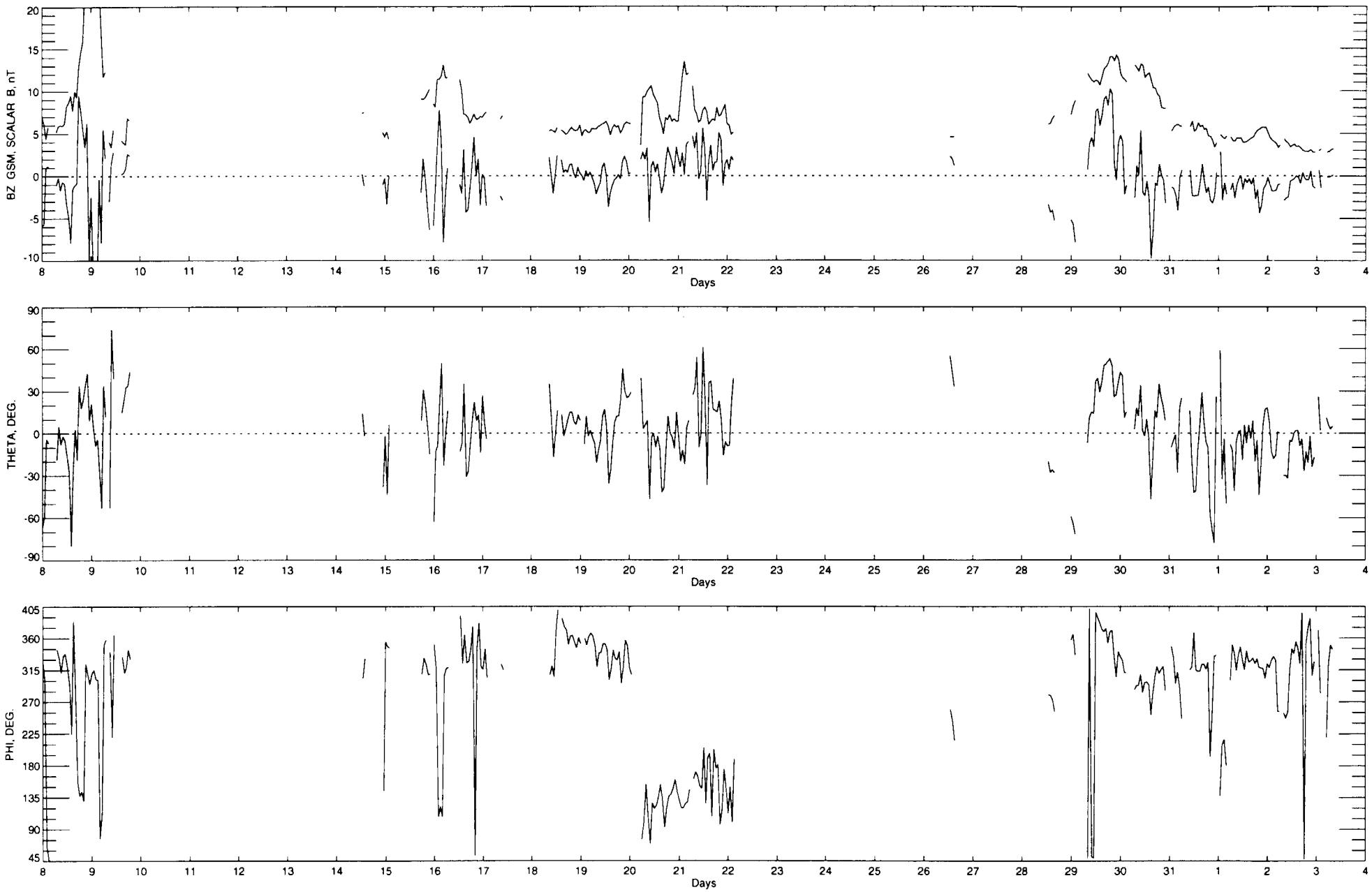
Time span: 93- 2- 9 - 93- 3- 7



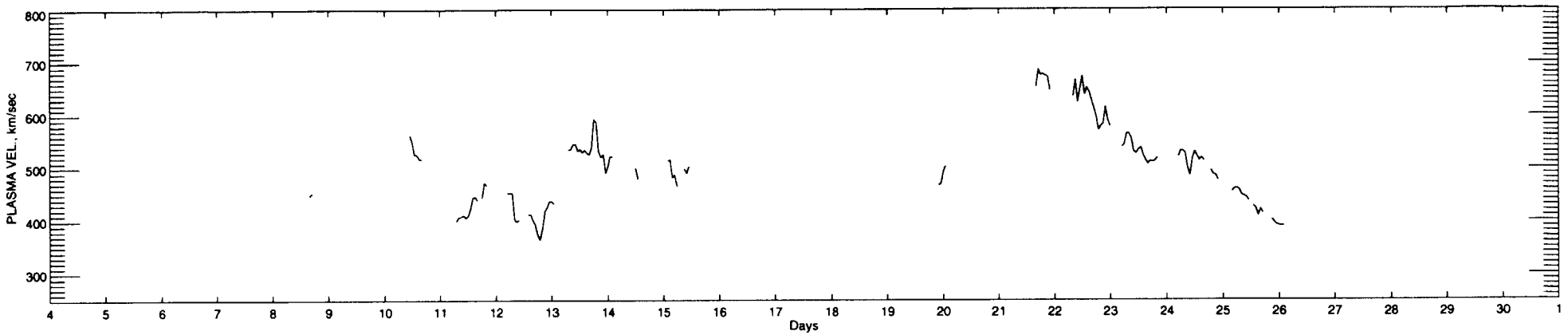
Time span: 93- 3- 8 - 93- 4- 3

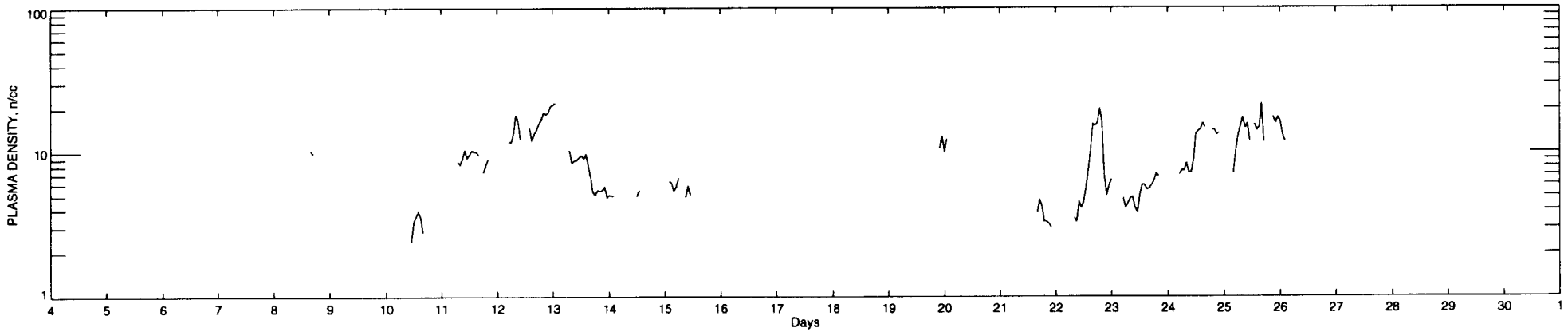


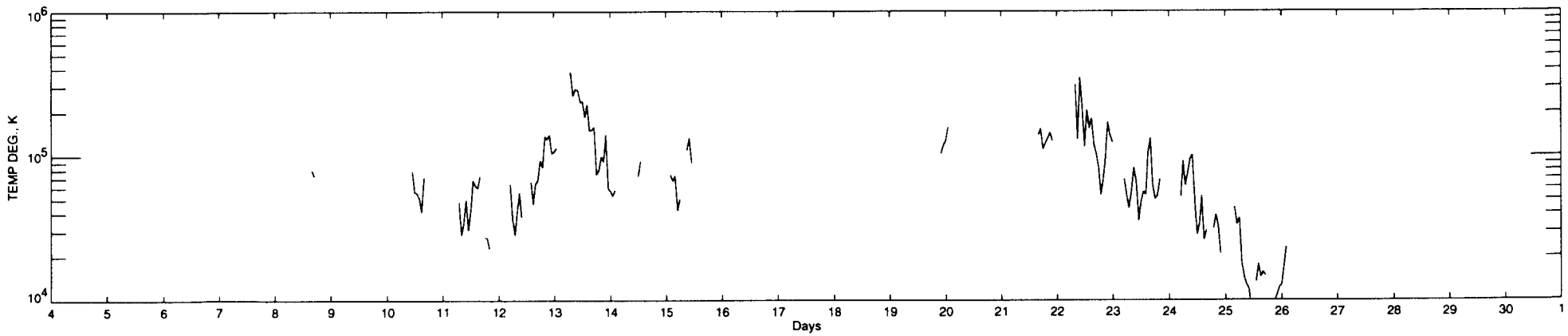
Time span: 93- 3- 8 - 93- 4- 3



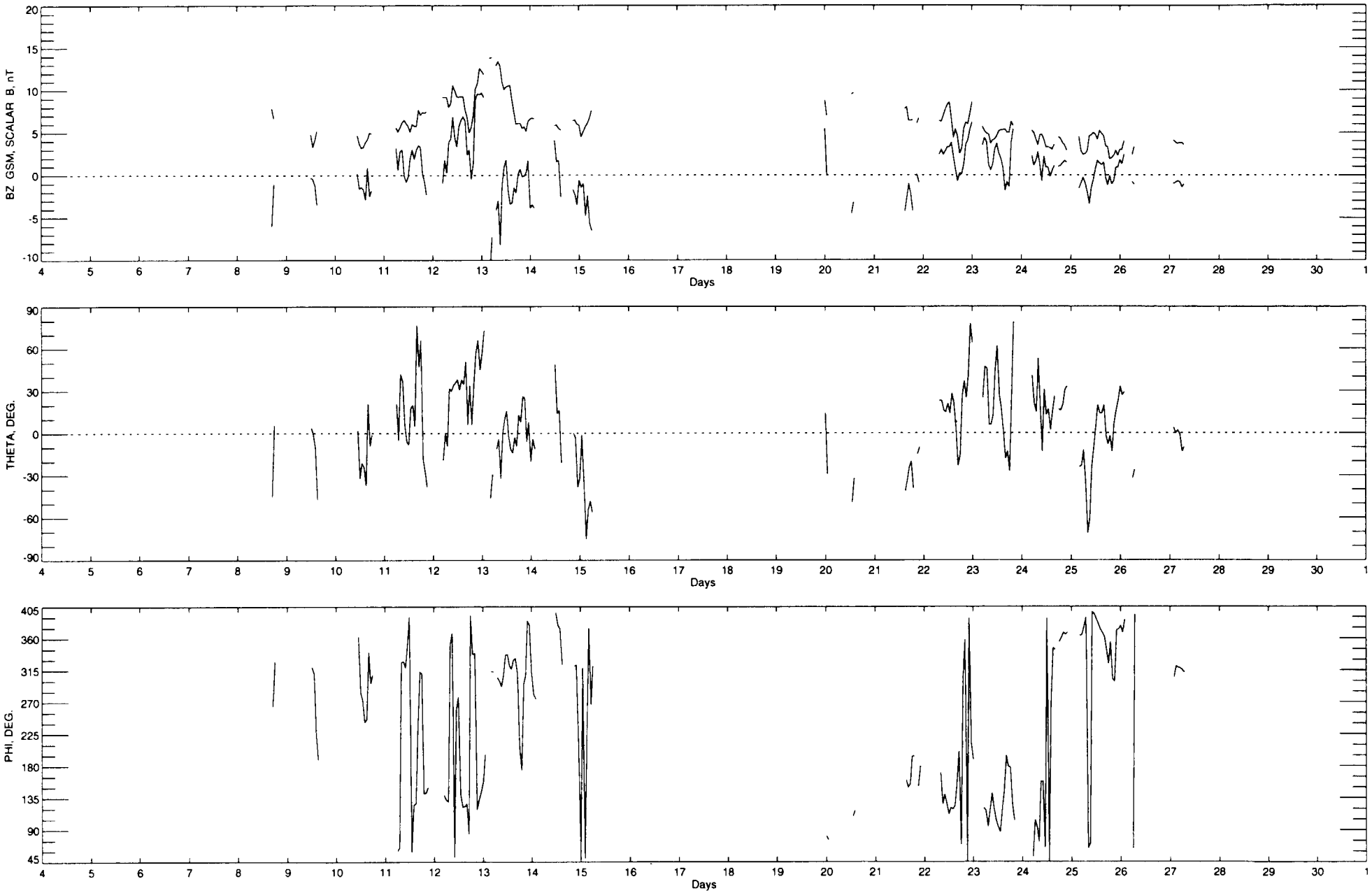
Time span: 93- 4- 4 - 93- 4-30

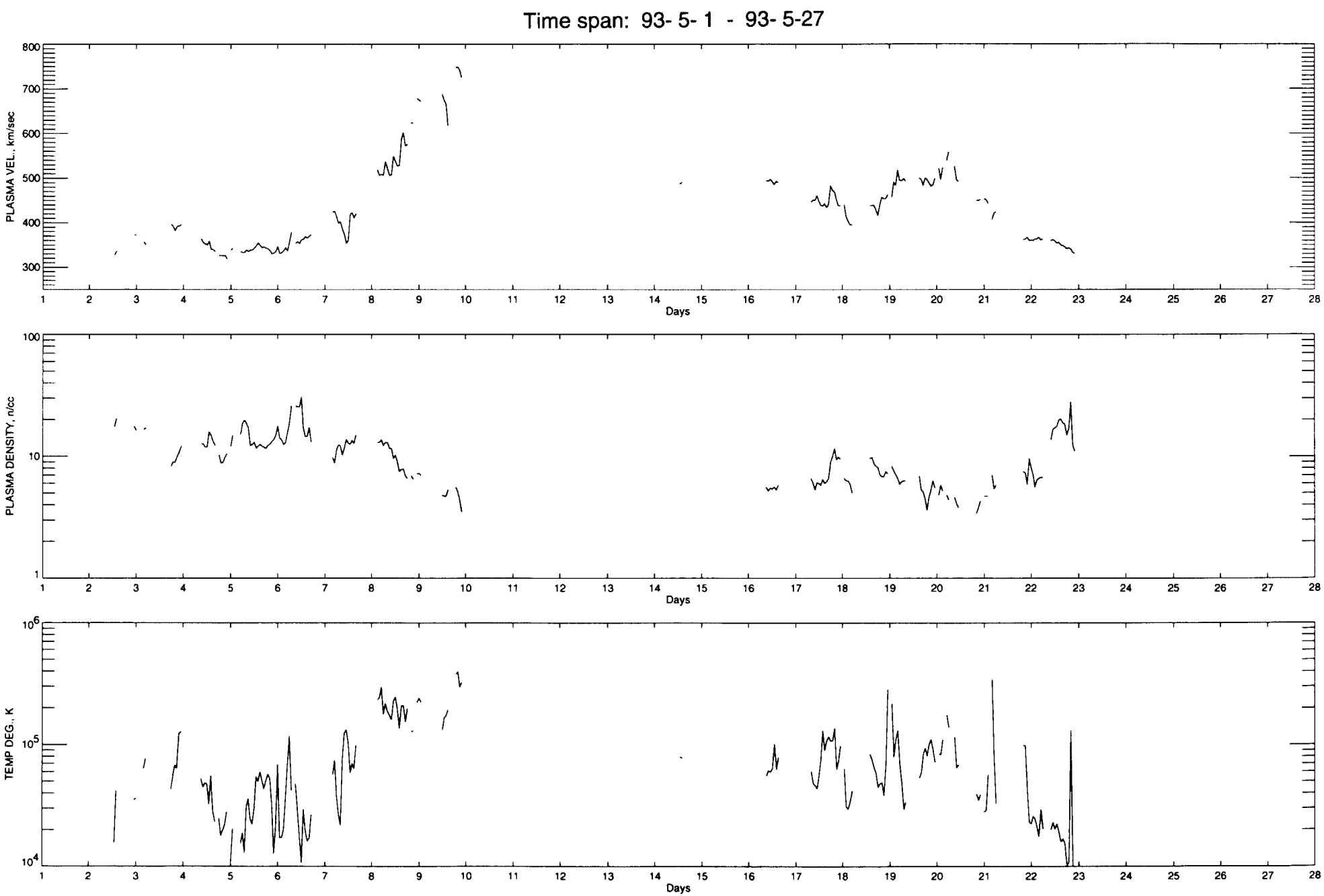


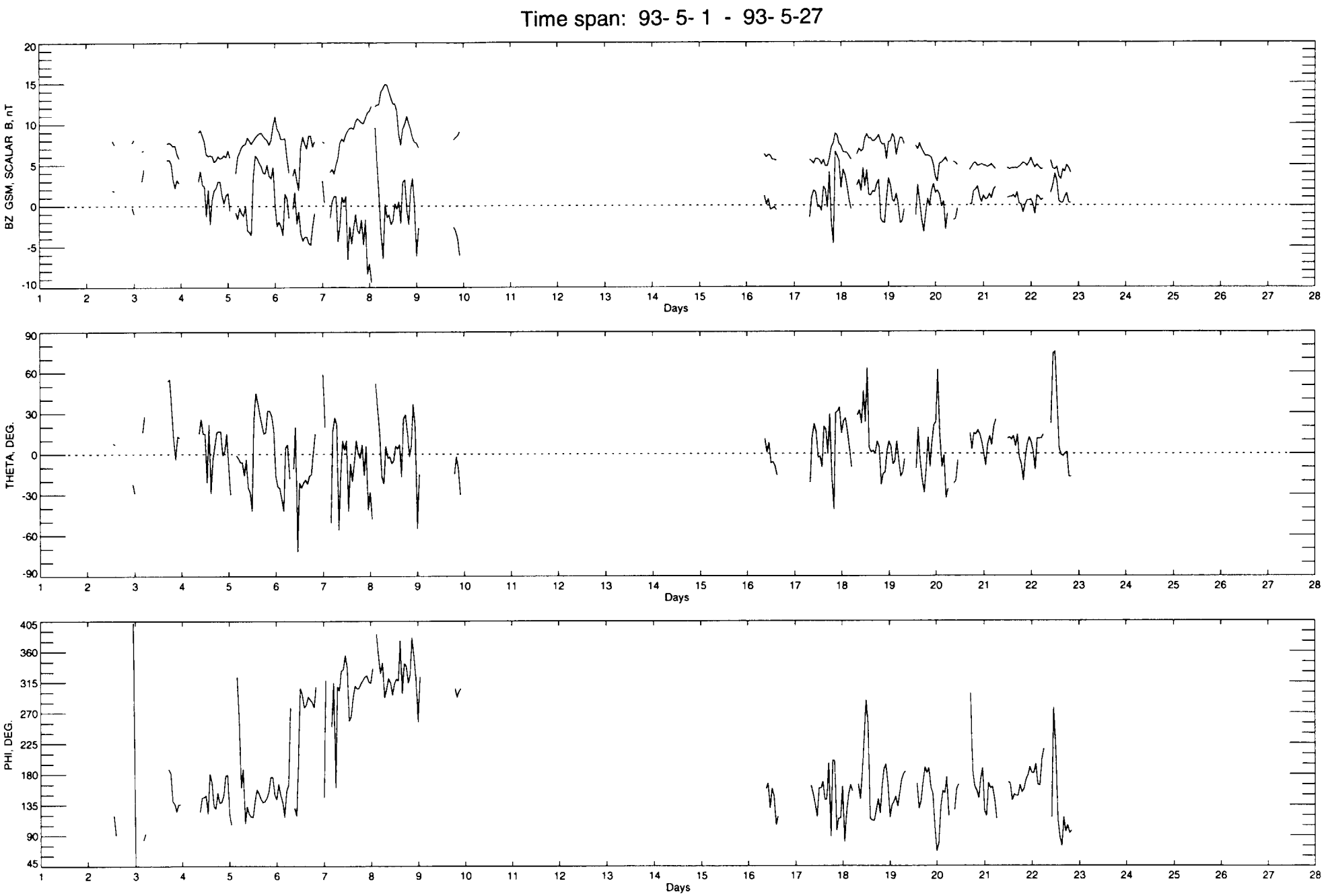




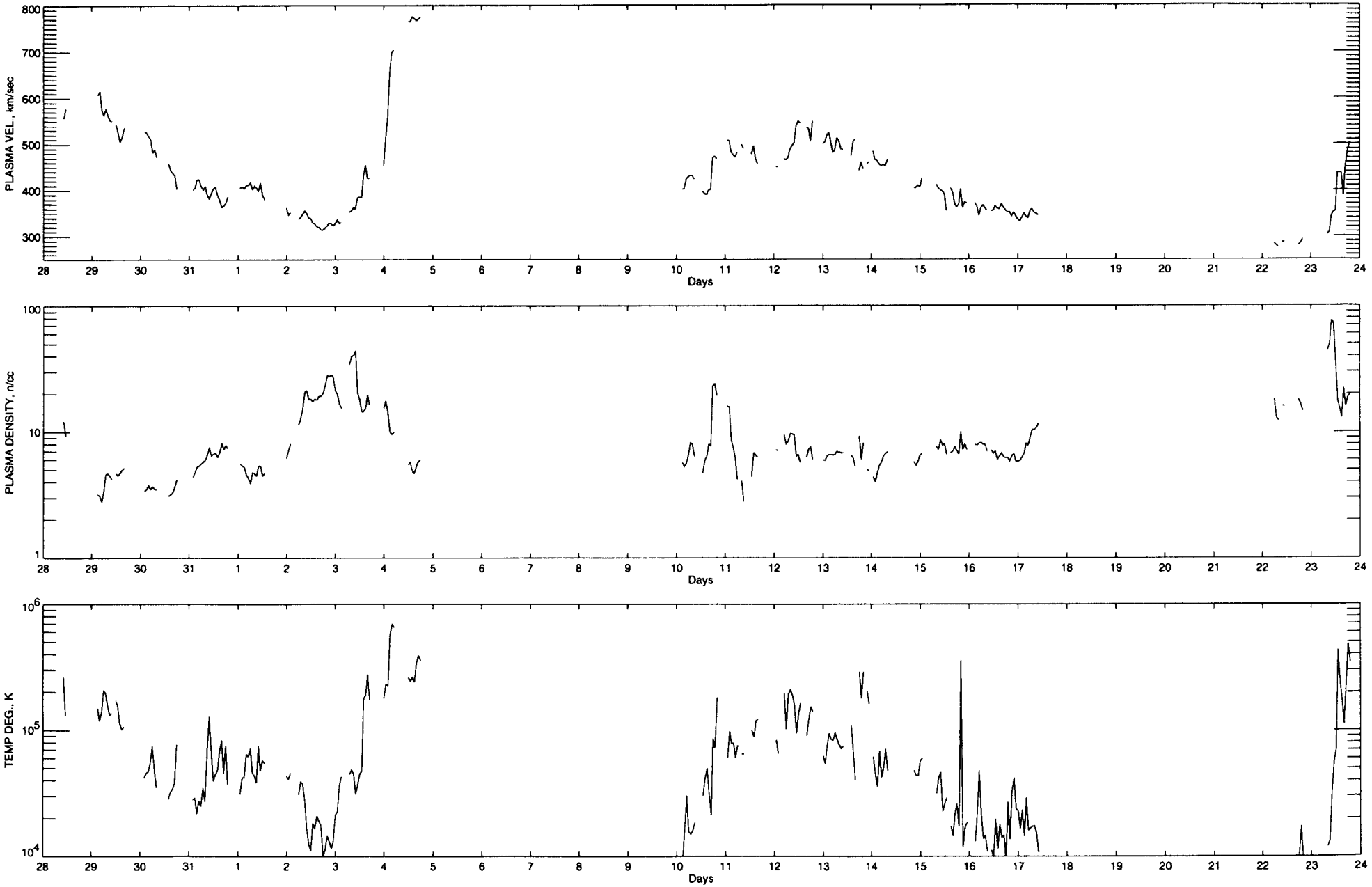
Time span: 93- 4- 4 - 93- 4-30

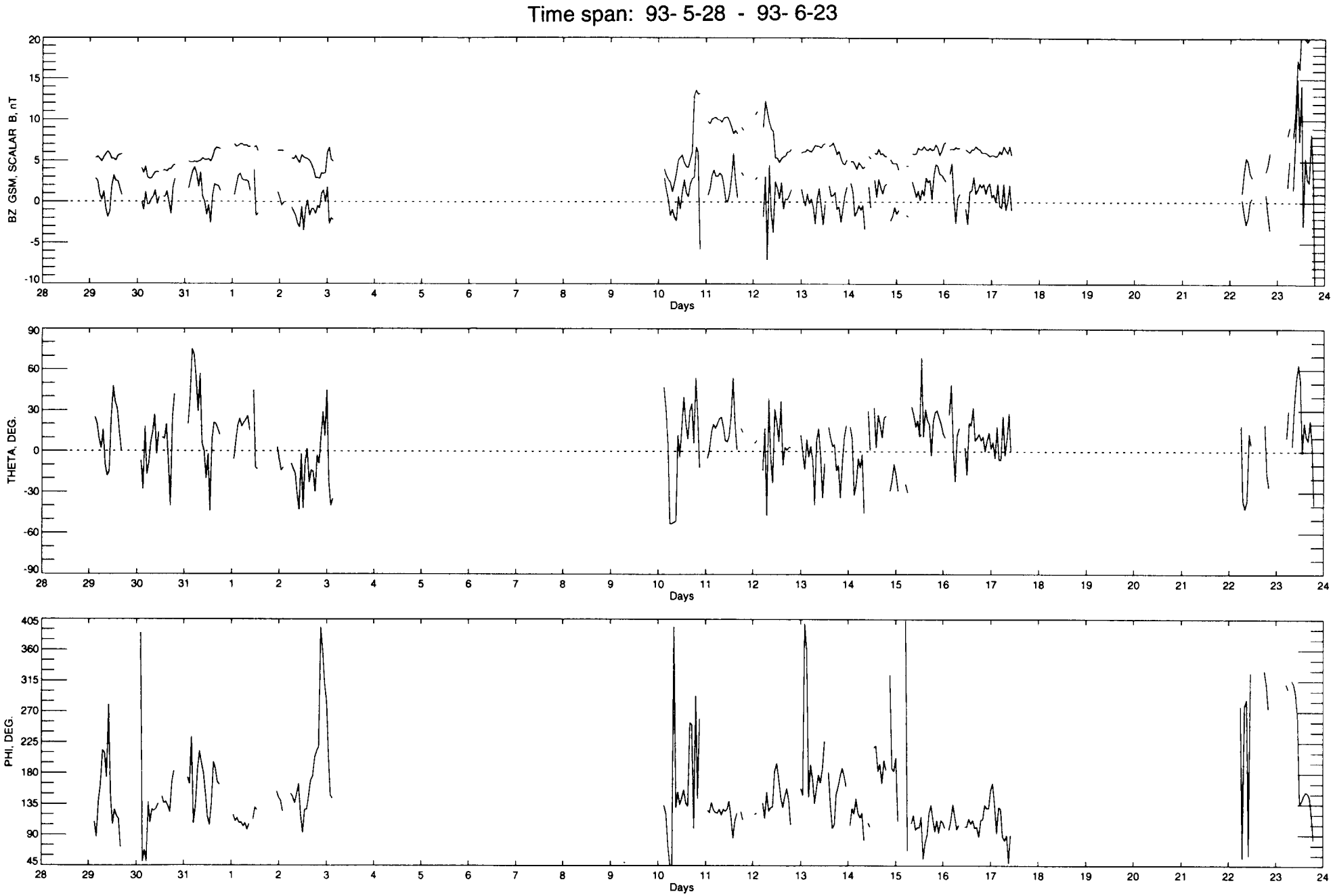



Time span: 93- 5- 1 - 93- 5-27
PLASMA VEL., km/sec
800
700
600
500
400
300
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
Days
PLASMA DENSITY, n/cc
100
10
1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
Days
TEMP DEG., K
10^6
10^5
10^4
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
Days

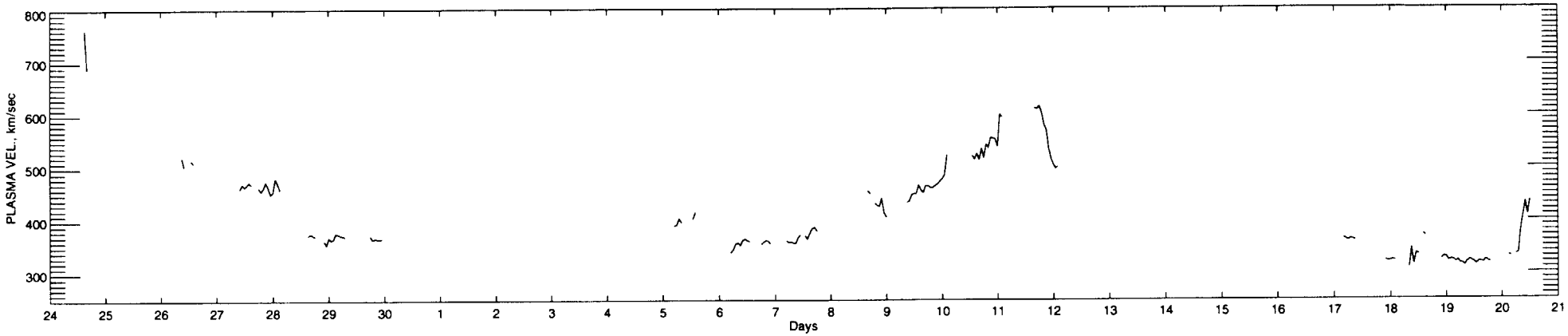

Time span: 93- 5- 1 - 93- 5-27
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days
Days
Days

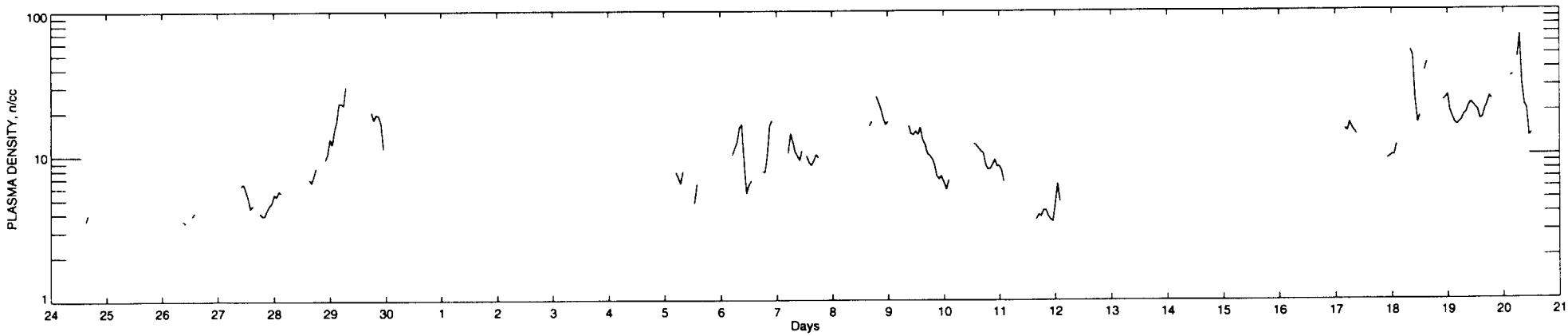
Time span: 93- 5-28 - 93- 6-23

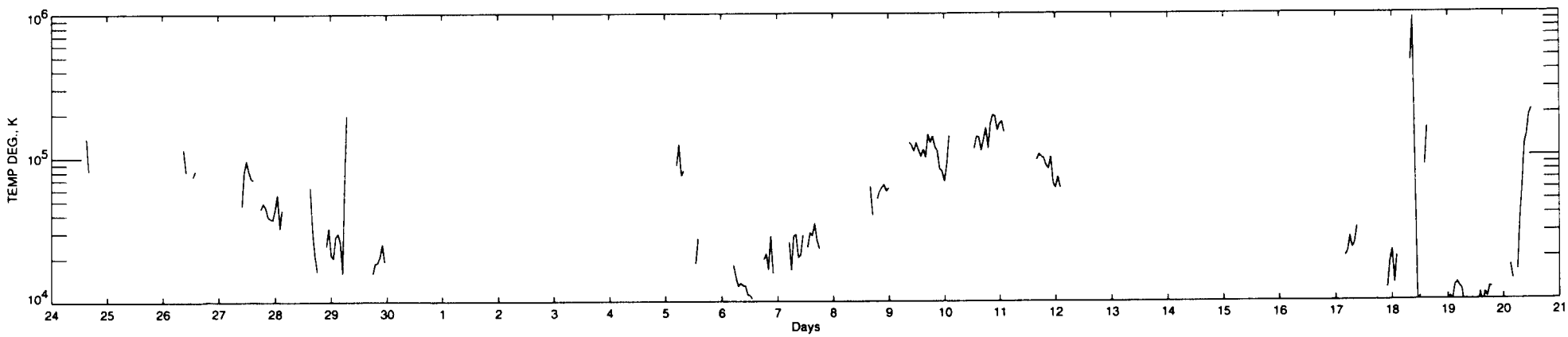


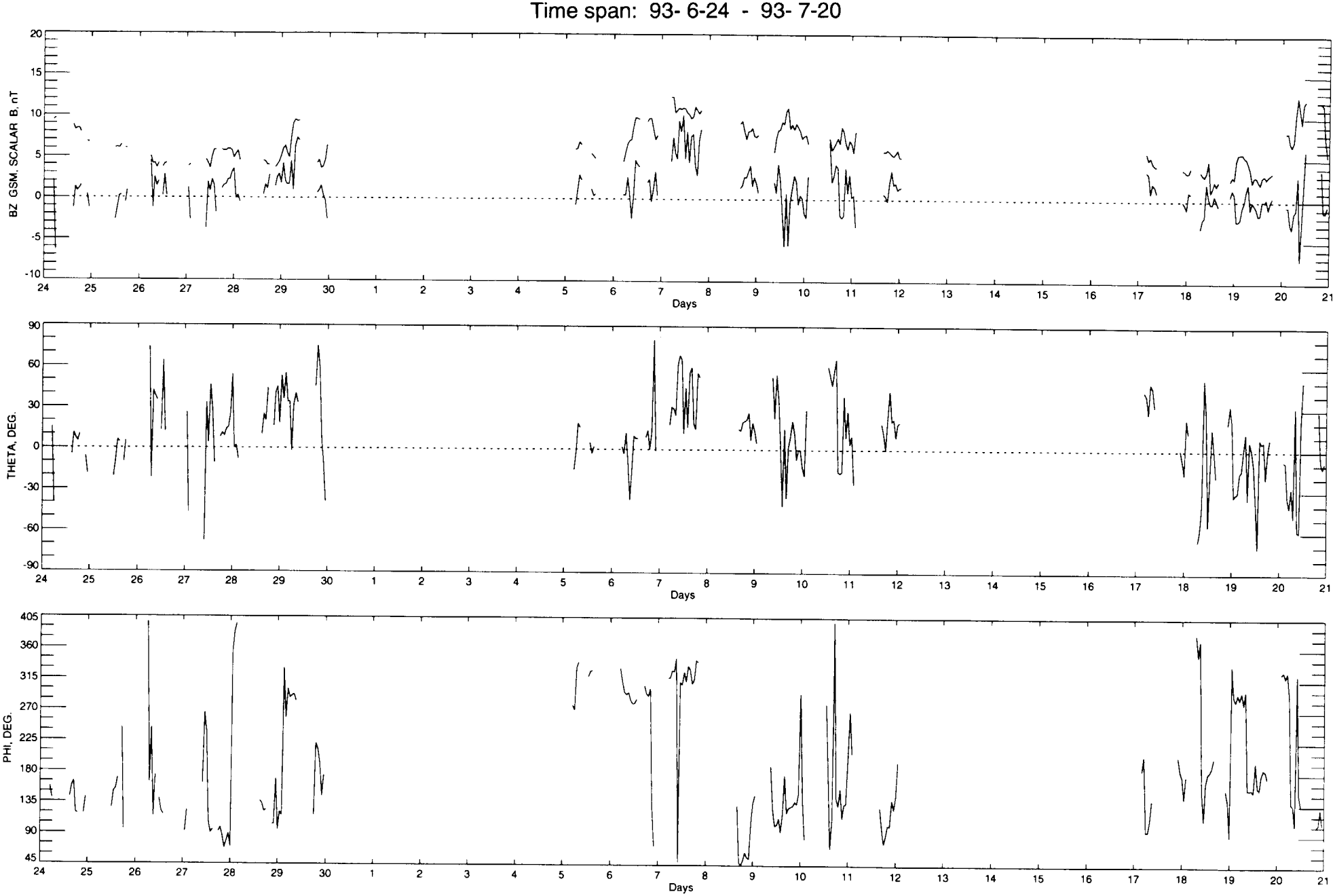

Time span: 93- 5-28 - 93- 6-23
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days

Time span: 93- 6-24 - 93- 7-20

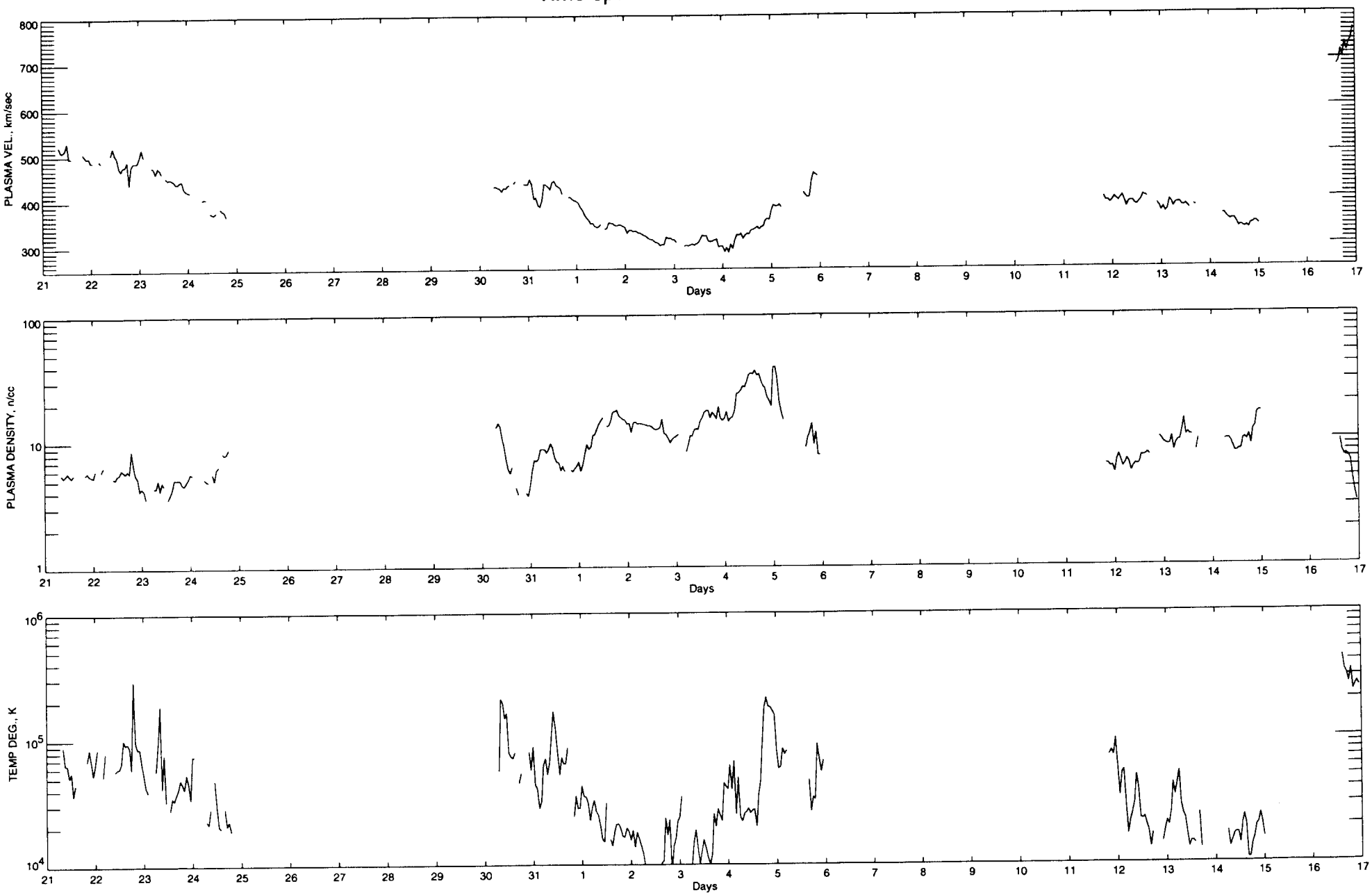


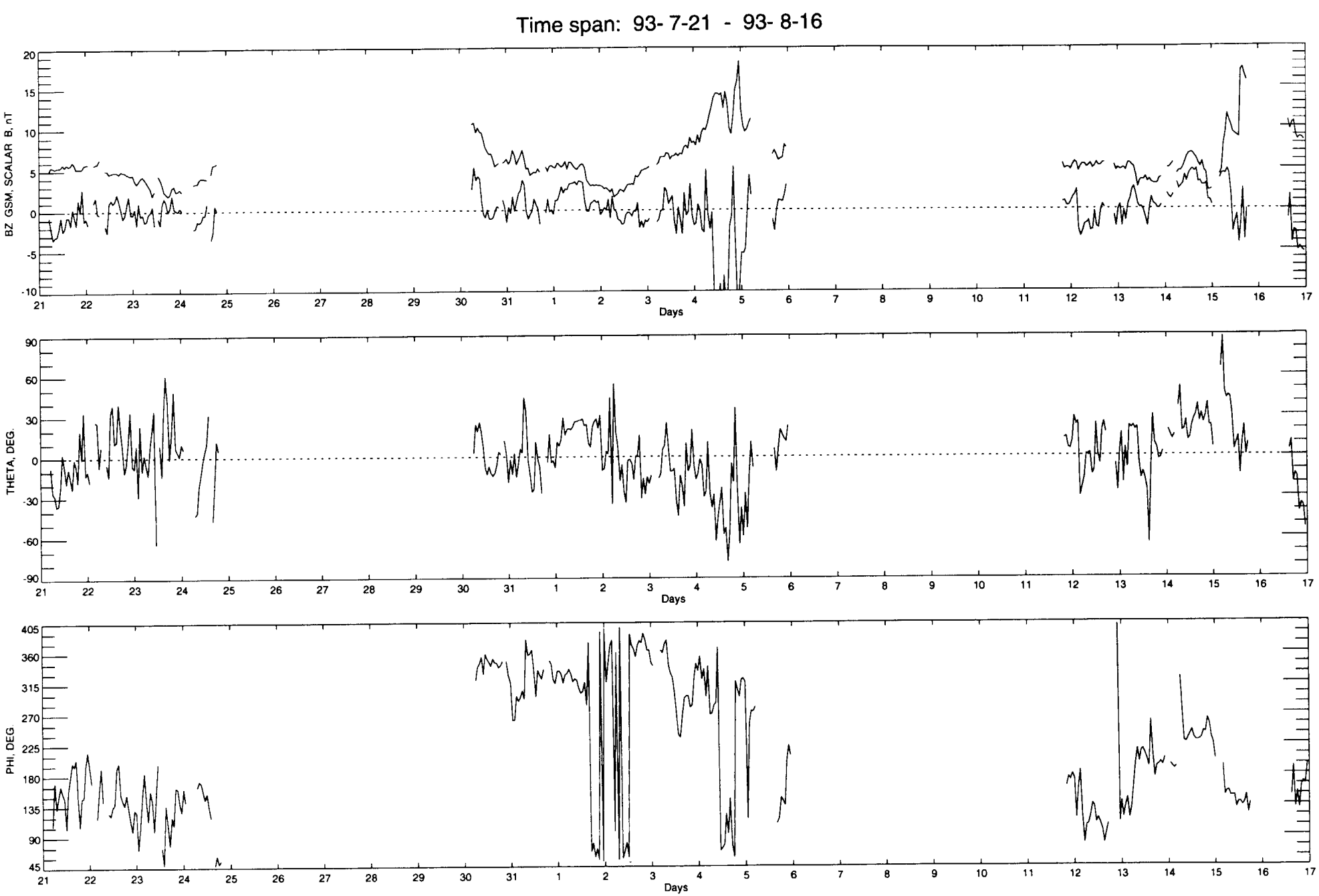


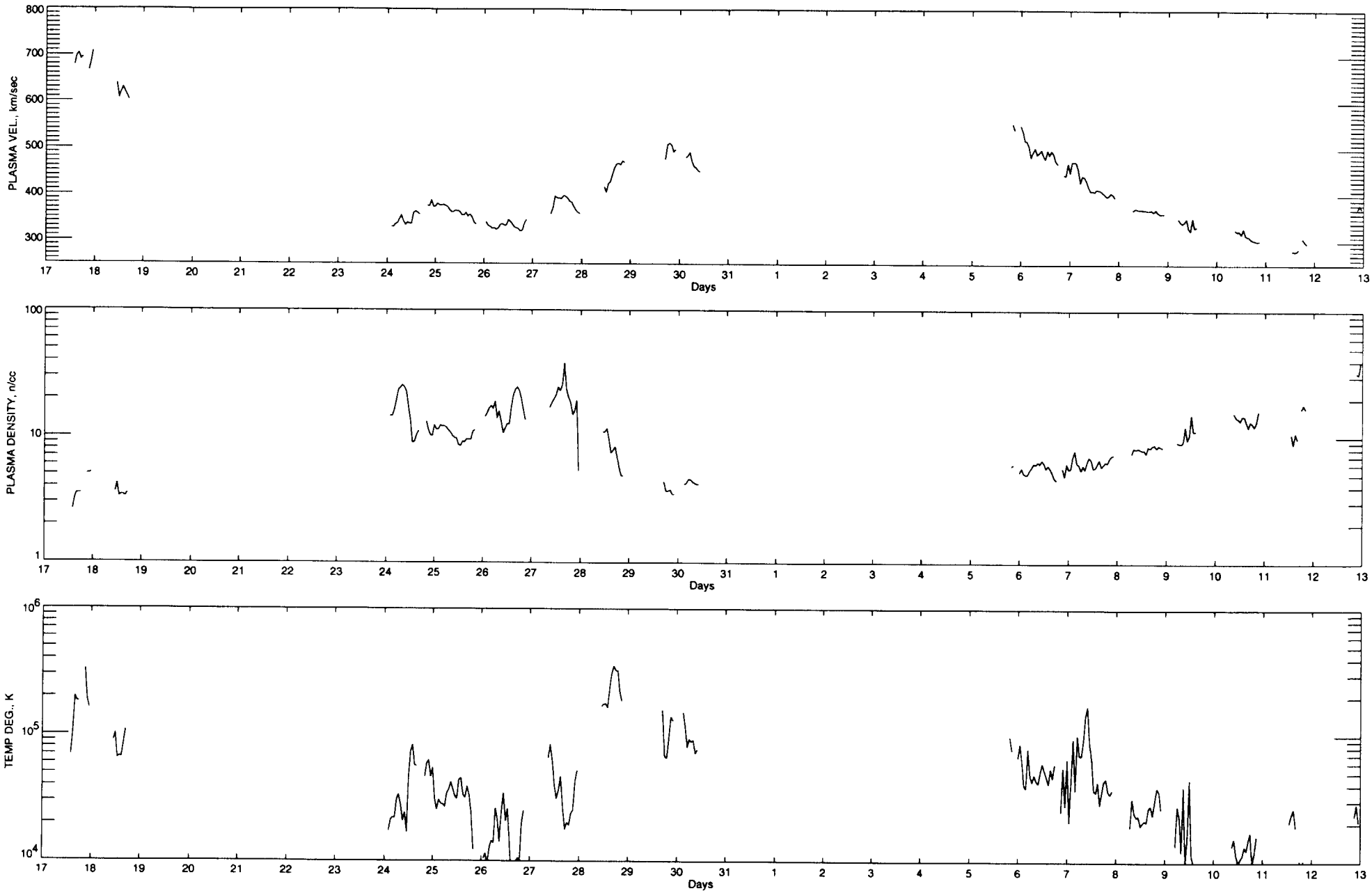


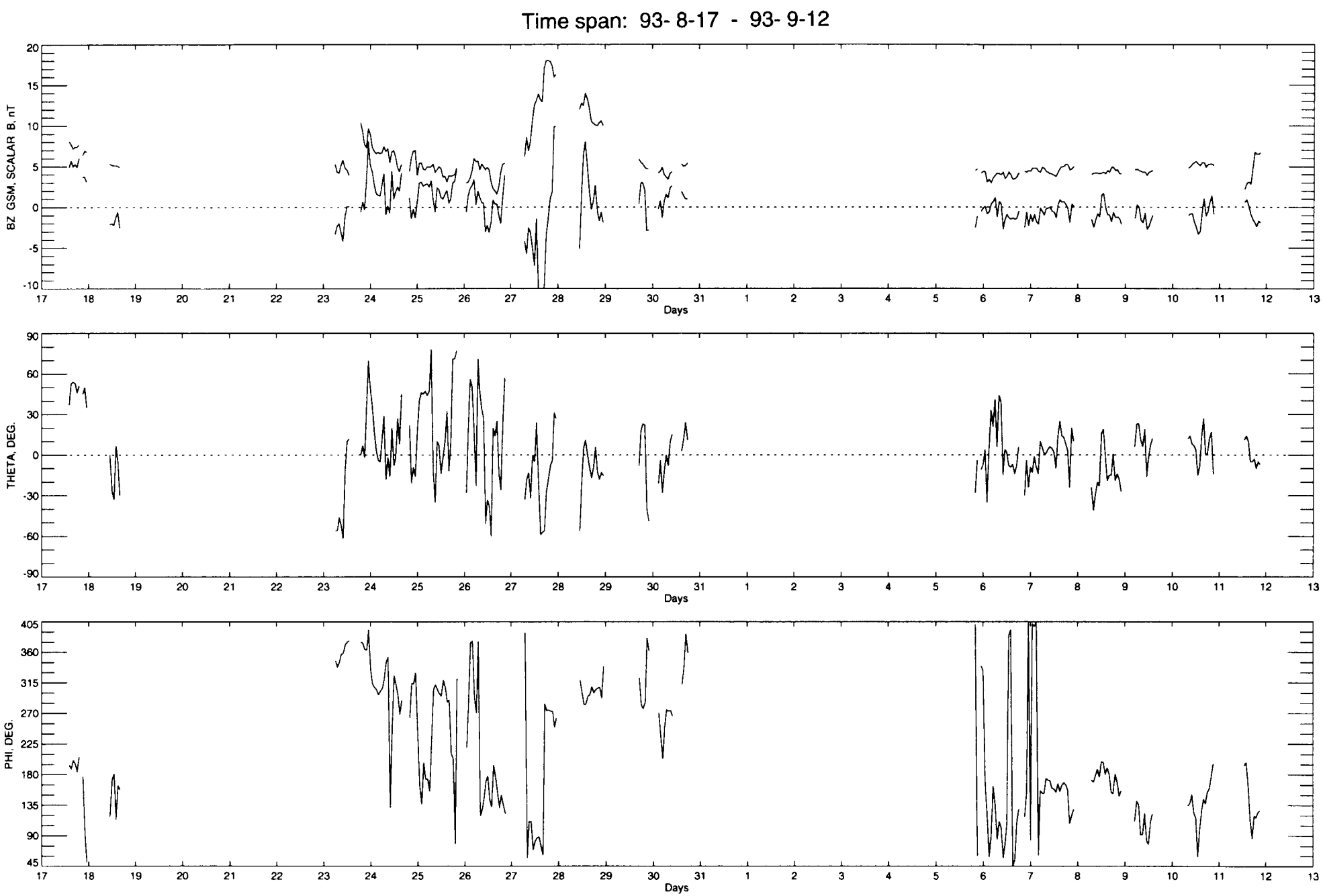

Time span: 93- 6-24 - 93- 7-20
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days

Time span: 93- 7-21 - 93- 8-16

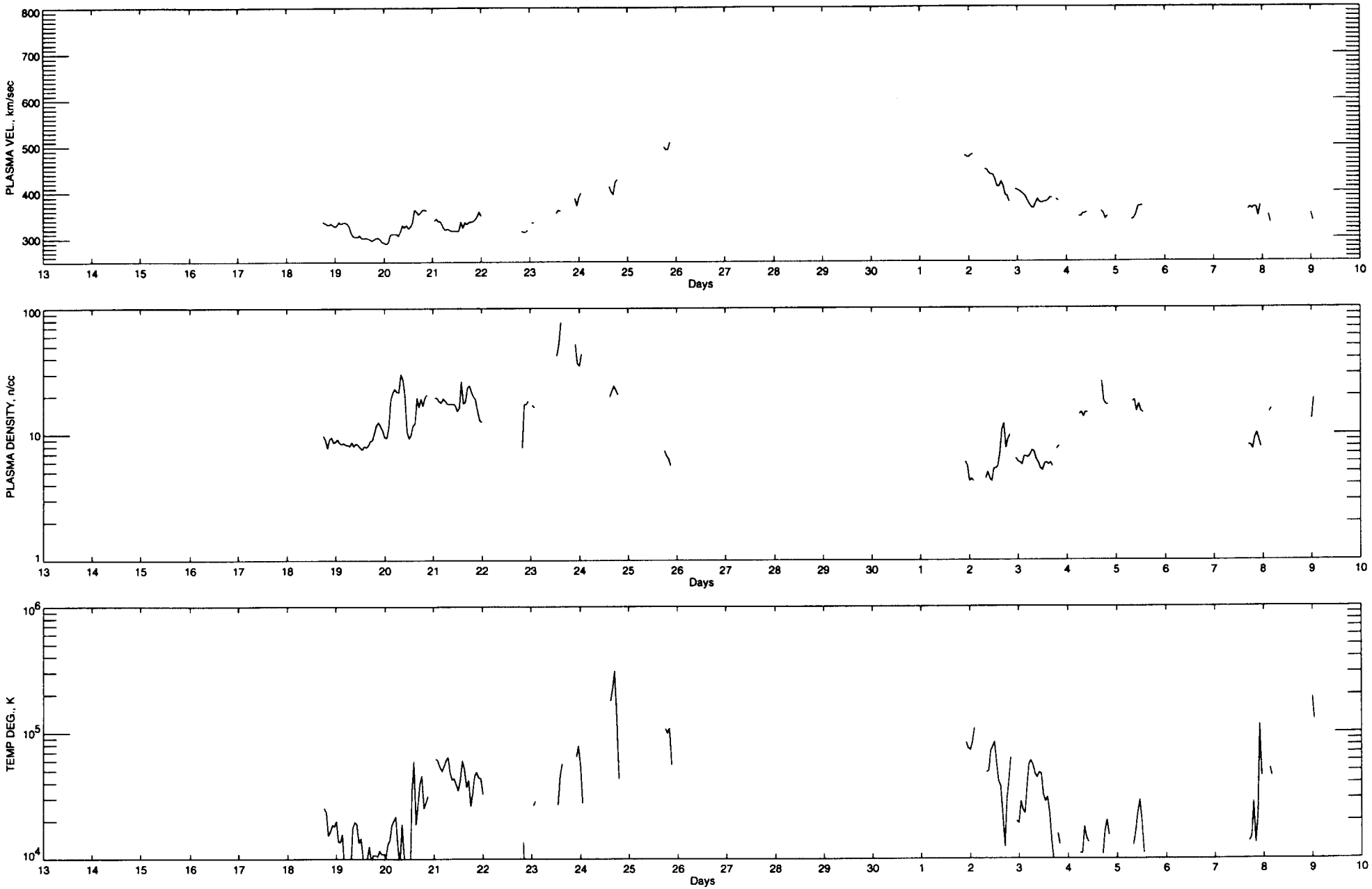



Time span: 93- 7-21 - 93- 8-16
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days
21 22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

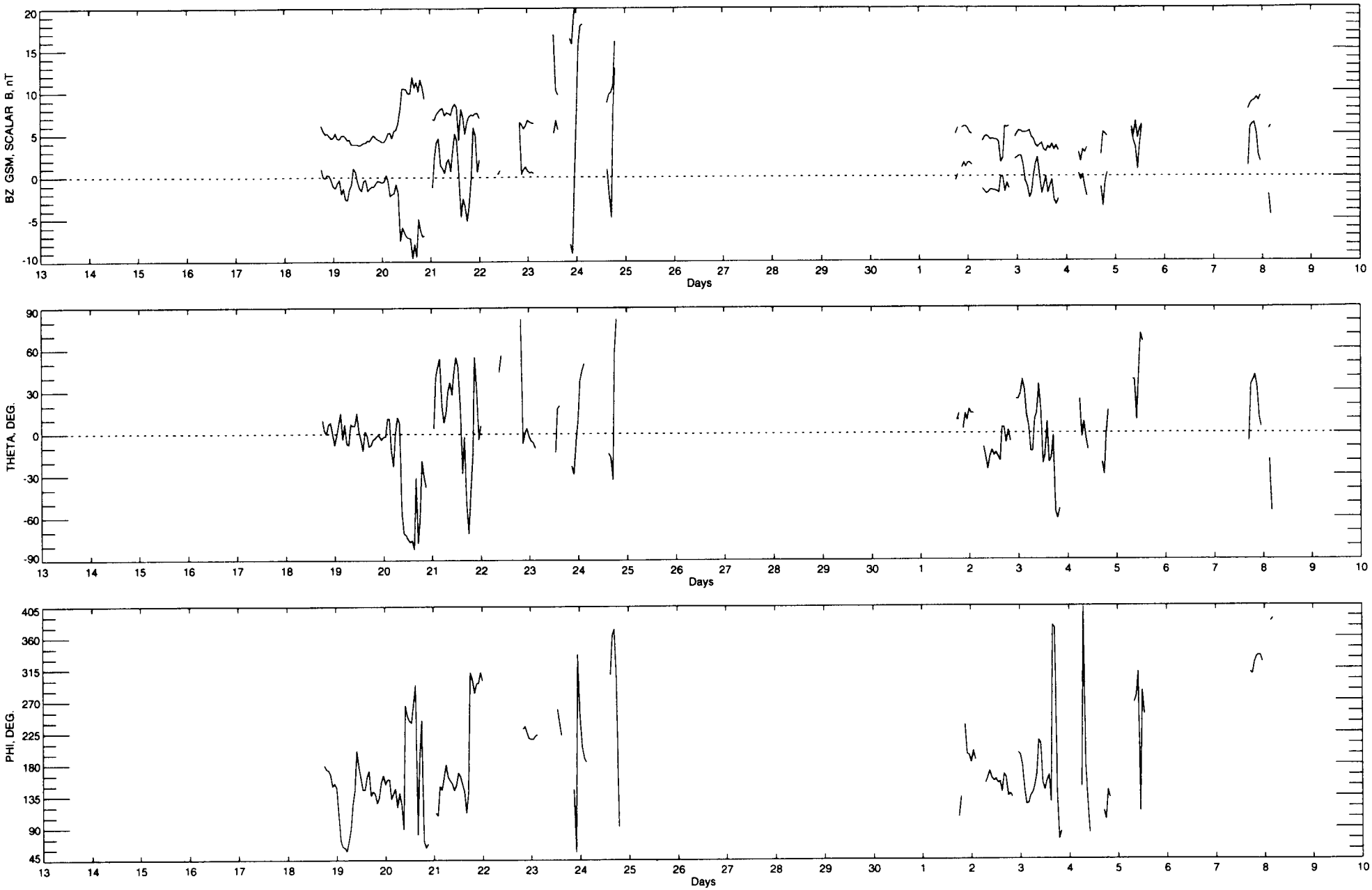

Time span: 93- 8-17 - 93- 9-12
PLASMA VEL., km/sec
800
700
600
500
400
300
PLASMA DENSITY, n/cc
100
10
1
TEMP DEG., K
10^6
10^5
10^4
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13
Days

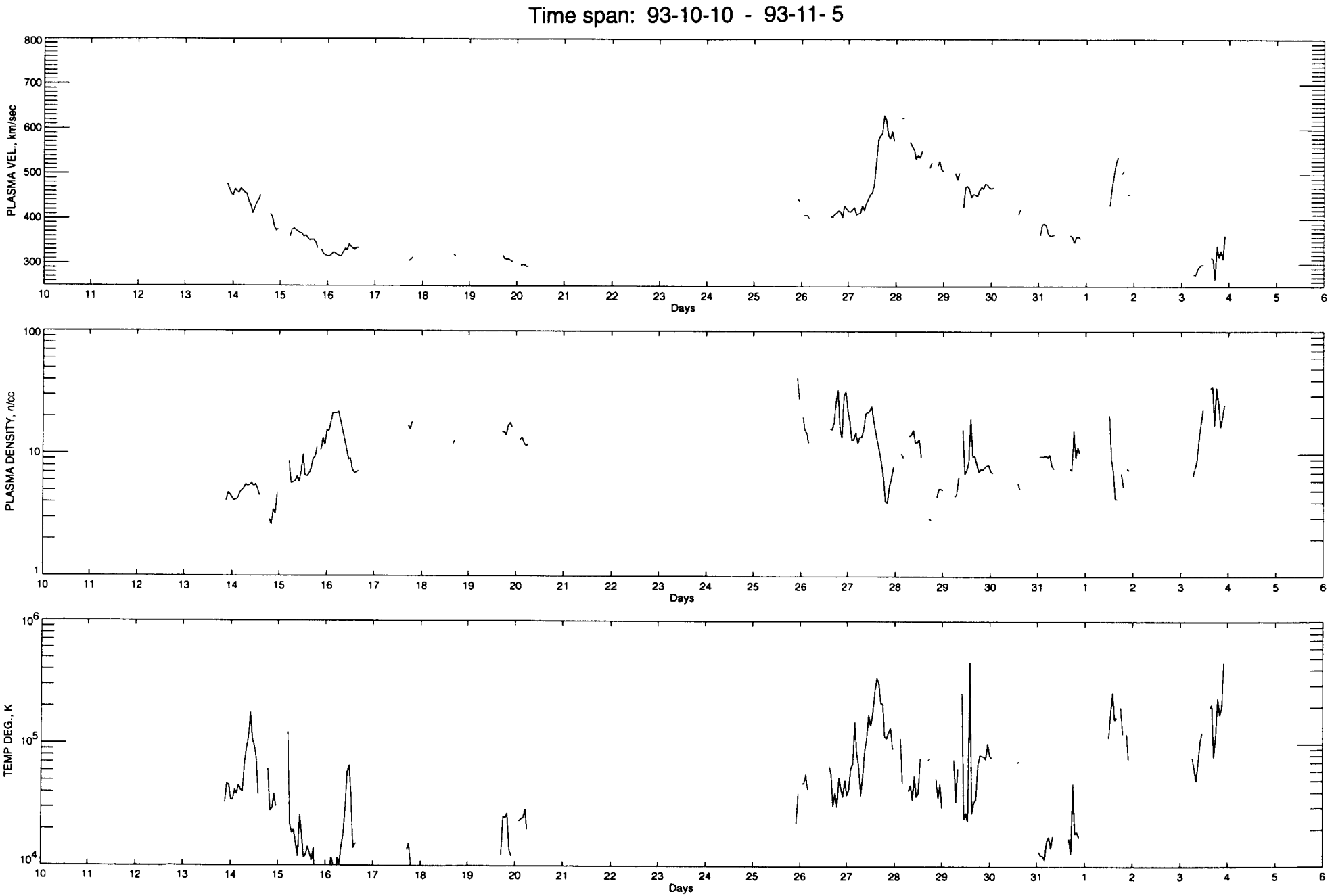

Time span: 93- 8-17 - 93- 9-12
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13

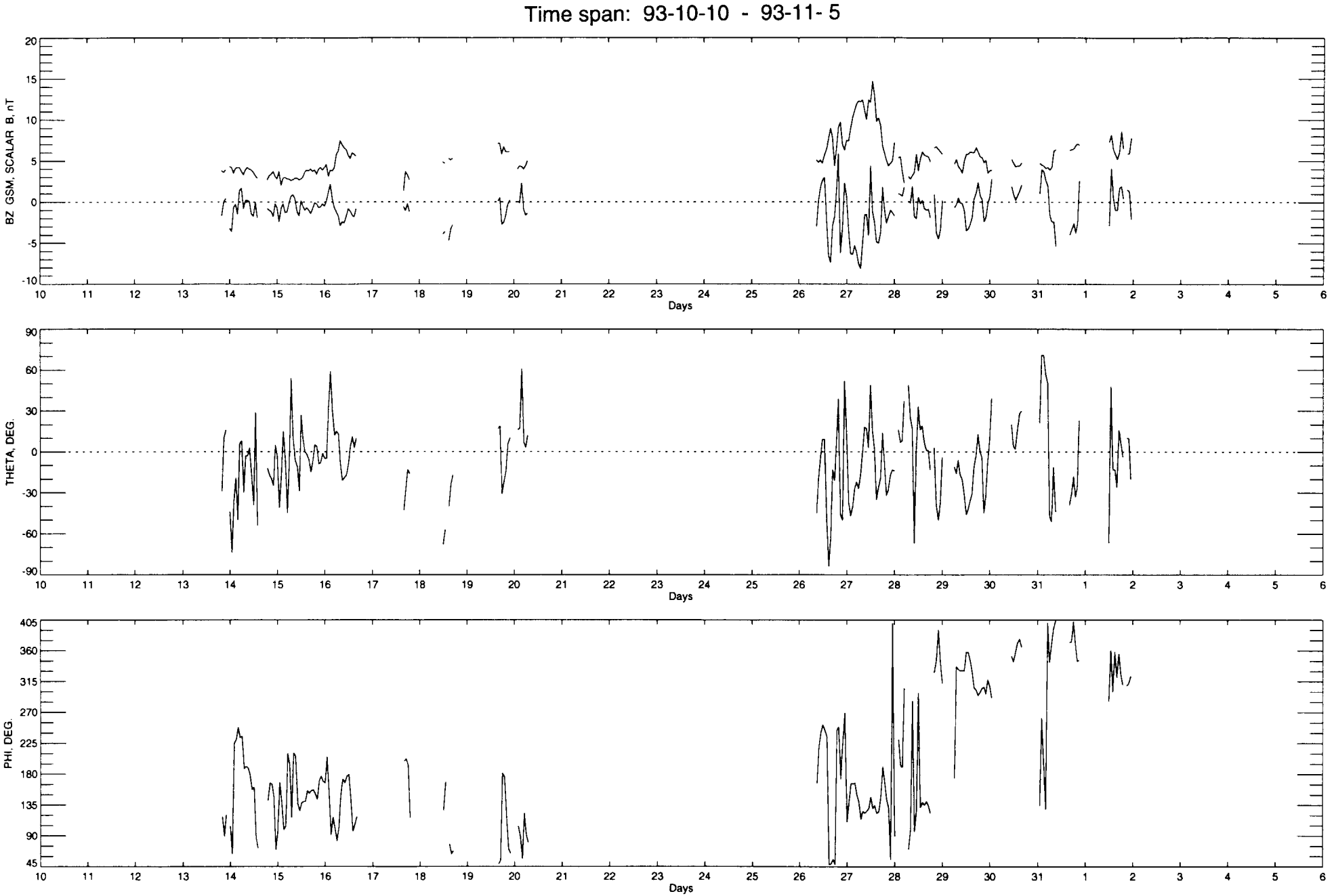
Time span: 93- 9-13 - 93-10- 9

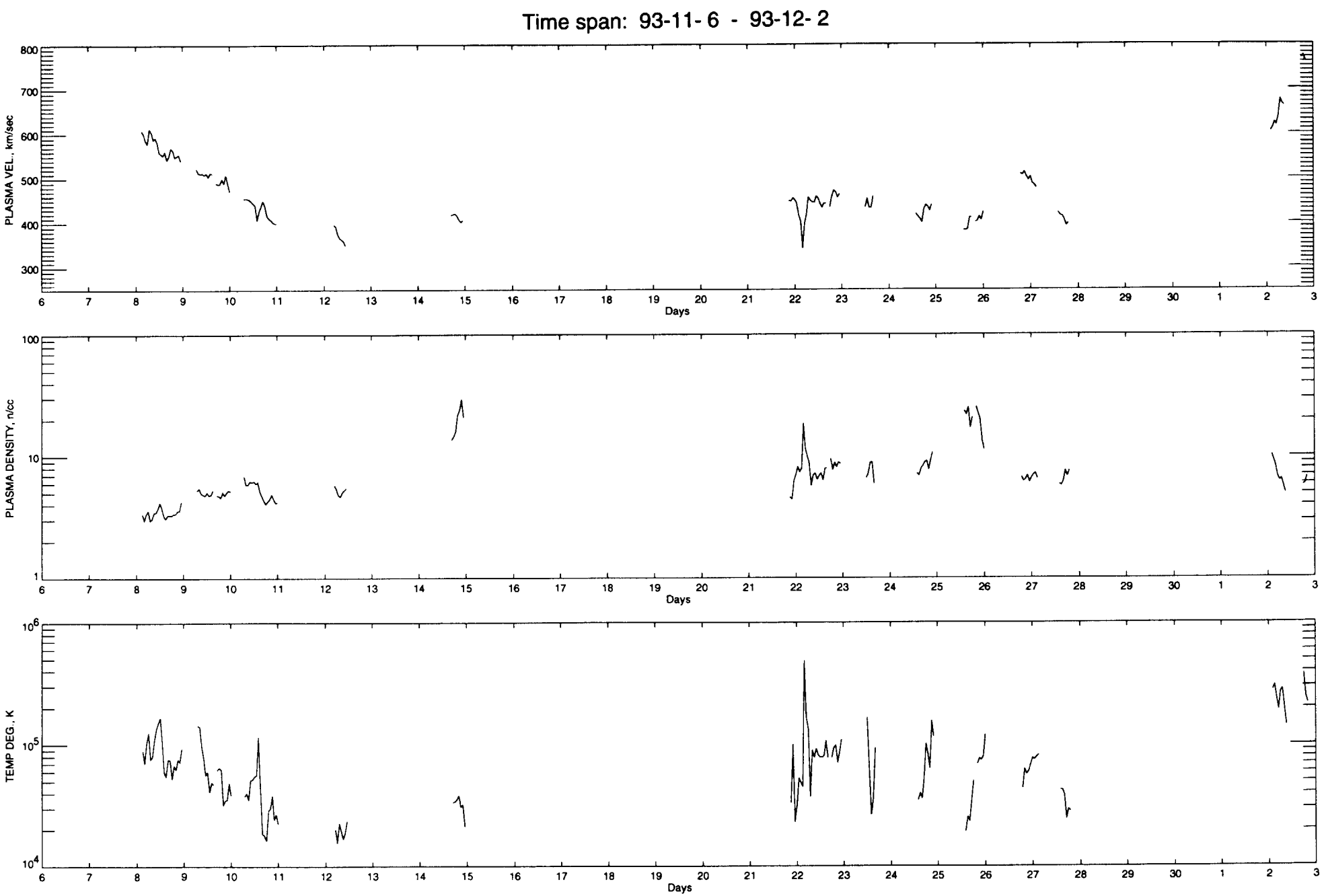


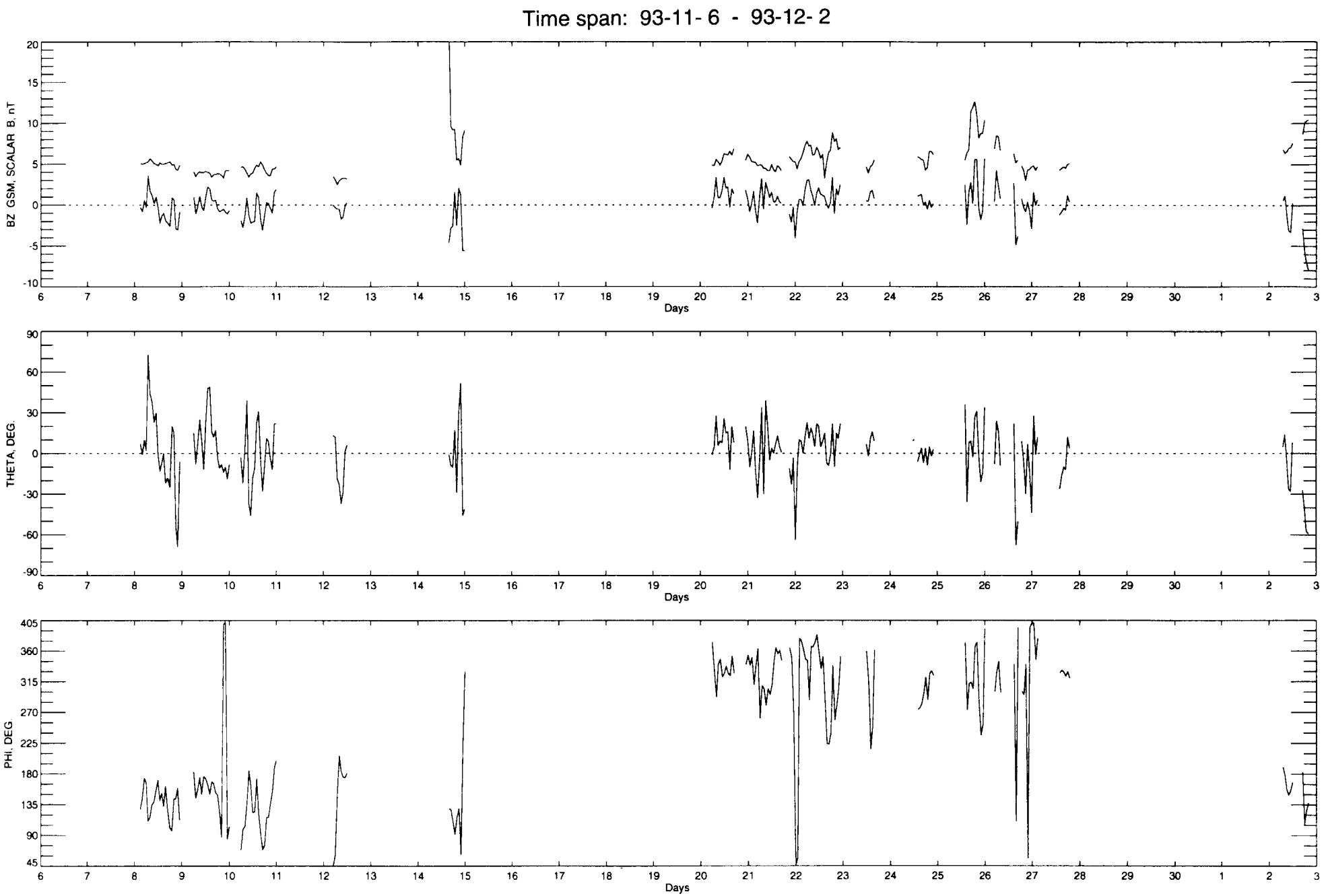
Time span: 93- 9-13 - 93-10- 9



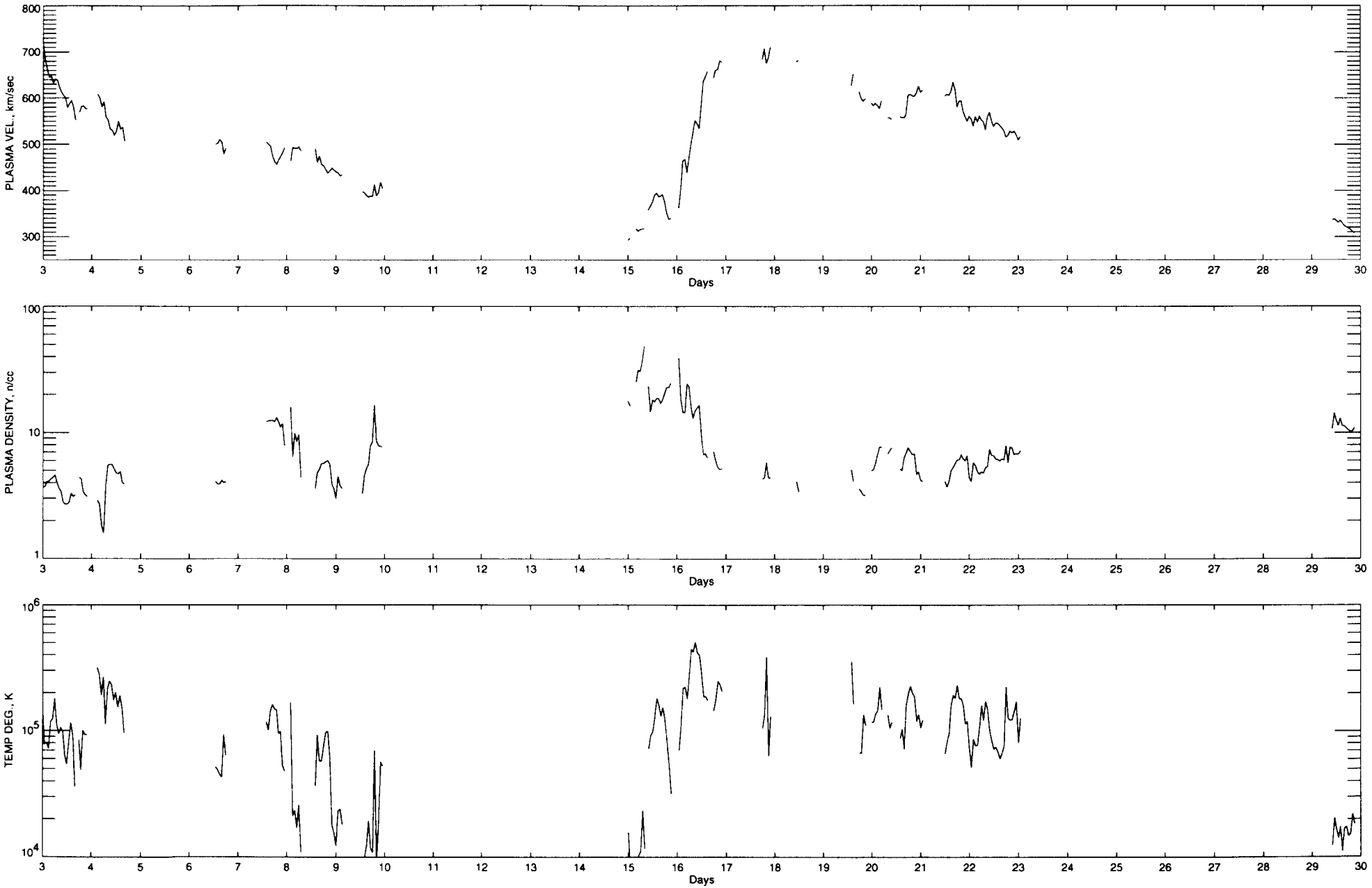

Time span: 93-10-10 - 93-11- 5
PLASMA VEL., km/sec
800
700
600
500
400
300
10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6
Days
PLASMA DENSITY, n/cc
100
10
1
10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6
Days
TEMP DEG., K
10^6
10^5
10^4
10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6
Days

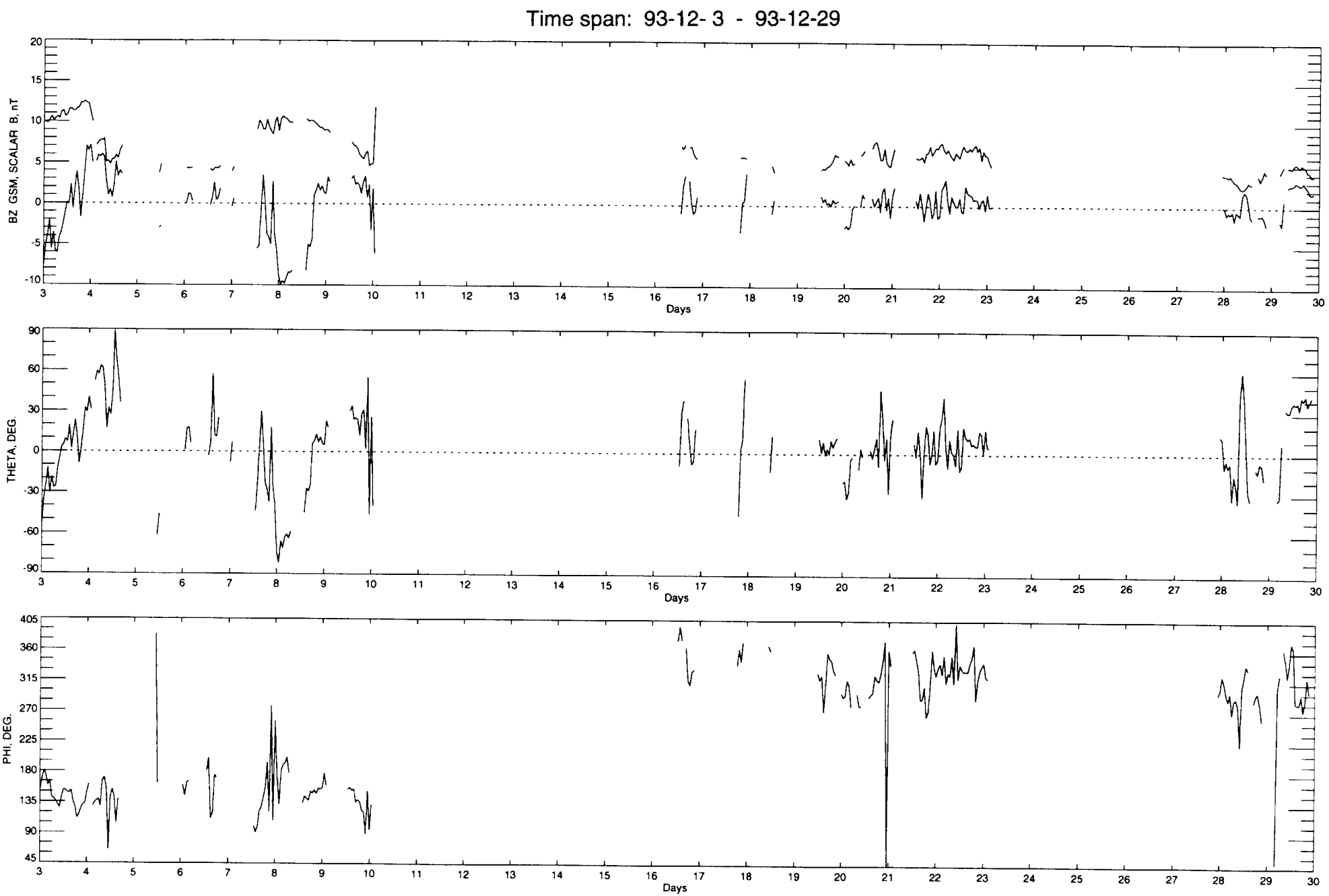

Time span: 93-10-10 - 93-11- 5
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days
10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6


Time span: 93-11- 6 - 93-12- 2
PLASMA VEL., km/sec
800
700
600
500
400
300
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 1 2 3
Days
PLASMA DENSITY, n/cc
100
10
1
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 1 2 3
Days
TEMP DEG., K
10^6
10^5
10^4
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 1 2 3
Days


Time span: 93-11- 6 - 93-12- 2
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days
Days
Days

Time span: 93-12- 3 - 93-12-29




Time span: 93-12- 3 - 93-12-29
BZ GSM, SCALAR B, nT
THETA, DEG.
PHI, DEG.
Days

Data Listings

OCT. 2, 1988 (276)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	442	3.3	20	J	6.9	29	274	0.4	-3.6	5.7	2	J
16	416	3.3	39	J	6.9	22	293	2.4	-3.9	4.6	2	J
17												
18												
19												
20												
21												
22												
23												
24												

OCT. 3, 1988 (277)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	354	4.9	106	J	5.0	29	316	2.7	-2.1	2.6	3	J
2	385	3.6	32	J	4.8	30	323	2.7	-1.5	2.4	3	J
3	362	4.0	41	J	4.9	30	332	3.4	-1.1	2.6	2	J
4	363	3.6	25	J	5.1	12	324	3.8	-2.2	1.9	2	J
5	365	3.3	18	J	5.0	8	322	3.5	-2.3	1.7	2	J
6	373	3.4	19	J	5.0	25	316	2.9	-1.7	2.9	2	J
7					5.2	18	335	4.5	-1.0	2.4	1	J
8												
9	354	3.9	34	J	5.0	4	9	4.6	0.8	-0.1	2	J
10	355	3.8	21	J	5.2	13	334	4.4	-1.1	2.1	1	J
11	349	3.9	19	J	5.6	11	330	4.7	-1.6	2.4	1	J
12	341	3.6	22	J	5.6	9	355	5.5	0.1	1.0	1	J
13	339	3.4	28	J	5.4	7	352	5.2	-0.3	0.9	1	J
14	336	3.2	33	J	4.7	3	346	4.4	-0.8	0.8	1	J
15	335	3.1	40	J	4.5	-3	344	4.1	-1.1	0.4	1	J
16	332	3.5	45	J	4.6	9	340	4.1	-1.0	1.3	1	J
17	323	4.5	67	J	4.9	8	330	4.0	-1.9	1.5	1	J
18	315	5.3	94	J	4.8	0	327	3.9	-2.4	0.9	1	J
19	302	7.6	151	J	4.7	3	324	3.7	-2.5	1.0	1	J
20												
21												
22	386	5.8	21	J	4.8	24	257	-1.0	-3.7	2.7	1	J
23	391	5.5	9	J	5.6	29	259	-0.9	-4.1	3.6	1	J
24	369	5.6	9	J	5.4	29	264	-0.5	-4.0	3.5	1	J

OCT. 4, 1988 (278)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	363	5.5	7	J	5.4	34	260	-0.7	-3.5	3.8	1	J
2												
3	358	5.8	13	J	5.2	44	270	0.0	-2.5	4.5	1	J
4	353	5.4	11	J	5.4	48	264	-0.4	-2.0	4.9	1	J
5	339	5.1	18	J	5.6	38	286	1.2	-2.5	4.7	1	J
6	337	7.0	14	J	4.9	30	292	1.6	-2.5	3.9	1	J
7	326	14.4	8	J	3.2	15	289	0.8	-1.6	1.6	2	J
8	324	15.1	7	J	3.2	38	114	-0.9	2.7	0.4	1	J
9	321	14.8	7	J	3.6	78	115	-0.3	2.3	2.4	1	J
10	318	14.5	9	J	3.7	42	270	0.0	-0.8	3.4	1	J
11	316	18.8	11	J	3.5	73	344	0.7	1.1	2.0	3	J
12	310	21.4	10	J	3.8	69	289	0.4	0.8	3.3	2	J
13	309	22.2	20	J	4.1	60	274	0.1	0.2	3.8	1	J
14	307	19.1	7	J	4.4	68	264	-0.2	0.7	4.1	1	J
15	305	18.4	8	J	5.2	24	287	1.0	-2.2	2.9	4	J
16	301	17.0	6	J	4.8	-5	279	0.7	-4.2	1.6	1	J
17	300	18.8	9	J	4.6	-4	303	2.1	-3.0	1.0	3	J
18	297	22.5	13	J	5.0	29	344	3.9	-0.3	2.5	2	J
19	293	23.0	15	J	4.9	-11	339	4.4	-1.9	-0.4	1	J
20	297	25.0	12	J	6.1	-25	337	4.9	-2.7	-1.9	2	J
21	324	39.0	29	J	11.2	-20	24	6.0	2.1	-2.9	9	J
22	355	33.5	77	J	9.3	-79	70	0.5	-0.2	-7.6	6	J
23	366	21.7	129	J	8.0	-38	320	1.9	-1.9	-1.6	8	J
24	376	23.0	108	J	9.9	22	83	1.1	9.2	1.7	4	J

OCT. 5, 1988 (279)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	400	19.2	154	J	10.2	2	72	2.3	6.8	-1.3	8	J
2	401	15.9	146	J	12.5	-15	66	3.1	6.3	-3.8	10	J
3	403	19.7	108	J	12.7	-34	73	2.4	5.7	-7.5	8	J
4												
5	371	30.8	22	J	15.4	87	186	-0.8	5.8	13.8	4	J
6	375	32.0	41	J	13.2	45	264	-0.9	-4.0	11.8	4	J
7	373	21.4	73	J	11.1	22	262	-1.2	-6.0	7.4	6	J
8	376	16.2	60	J	10.4	57	274	0.4	-0.3	9.8	4	J
9	386	12.1	28	J	12.0	80	268	-0.1	3.6	8.5	8	J
10	405	23.1	29	J	9.4	27	76	2.0	8.8	-1.0	2	J
11					8.9	32	67	2.9	8.3	0.0	1	J
12	414	13.2	16	J	7.5	18	74	1.9	6.9	-1.9	1	J
13	427	12.0	22	J	7.4	11	64	3.1	6.0	-2.2	2	J
14	430	13.6	24	J	7.0	20	52	3.9	5.4	-0.6	2	J
15	419	15.6	31	J	7.0	45	76	1.1	6.1	1.9	2	J
16	415	15.0	18	J	5.6	45	12	3.8	2.4	3.2	1	J
17	421	16.2	21	J	4.7	43	52	1.6	2.9	1.5	3	J
18	427	19.9	15	J	3.3	10	153	-1.1	0.6	0.0	3	J
19	414	13.9	23	J	4.2	4	43	2.6	2.4	-0.5	3	J
20	416	10.9	45	J	3.3	-43	20	1.4	0.1	-1.4	3	J
21	415	12.1	29	J	3.8	-67	95	-0.1	0.5	-3.0	2	J
22	412	10.7	22	J	3.0	-77	231	-0.4	-1.0	-2.4	2	J
23	413	12.4	17	J	2.1	3	9	1.7	0.3	0.0	1	J
24	397	11.5	31	J	3.0	-59	323	1.0	-1.2	-1.9	2	J

OCT. 6, 1988 (280)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	445	12.4	150	J	8.3	8	219	-4.3	-3.2	1.5	8	J
2	556	20.4	482	J	12.4	-39	174	-4.0	-0.4	-3.3	12	J
3	516	23.8	376	J	15.1	11	218	-10.1	-6.8	4.7	9	J
4	534	23.1	190	J	16.1	-25	255	-3.2	-13.3	-1.4	8	J
5												
6												
7												
8												
9												
10												
11												
12	528	3.7	37	J	18.7	-17	245	-7.5	-16.4	4.5	1	J
13	525	3.3	43	J	19.0	-14	247	-7.1	-16.5	5.2	3	J
14	521	11.7	63	J	18.2	-27	237	-8.6	-15.5	-0.1	4	J
15	507	19.3	32	J	13.9	-79	126	-1.5	-4.4	-12.4	5	J
16	497	18.8	34	J	10.0	-85	127	-0.5	-3.5	-8.9	3	J
17	502	19.9	41	J	6.5	-41	83	0.4	2.1	-4.3	5	J
18	502	21.1	33	J	6.1	-61	138	-1.7	0.1	-4.4	4	J
19	481	9.9	27	J	7.8	-71	208	-1.7	-2.4	-5.0	5	J
20	497	7.9	34	J	7.2	74	283	0.3	-0.1	5.2	5	J
21	495	9.4	26	J	8.6	52	248	-1.4	-2.4	5.5	6	J
22	477	9.2	35	J	8.4	55	94	-0.3	4.8	4.5	5	J
23	470	9.8	38	J	7.4	14	84	0.6	5.5	0.3	5	J
24	474	7.6	26	J	9.9	5	275	0.9	-9.4	2.8	1	J

OCT. 7, 1988 (281)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	477	8.9	32	J	10.3	18	283	2.2	-8.4	5.1	2	J
2	472	9.9	23	J	10.4	12	277	1.2	-9.1	4.5	2	J
3	473	11.0	36	J	11.3	26	284	2.4	-7.8	7.5	2	J
4	459	11.6	33	J	11.2	29	267	-0.5	-7.2	8.3	2	J
5	457	11.1	29	J	11.3	26	267	-0.5	-7.2	8.3	3	J
6												
7												
8	450	11.0	23	J	9.0	47	221	-4.5	0.0	7.5	2	J
9	427	12.8	43	J	6.4	41	159	-4.4	3.7	2.5	2	J
10	429	11.0	56	J	6.2	20	180	-5.6	1.1	1.7	2	J
11	429	8.9	42	J	5.7	-3	178	-5.4	0.0	-0.3	2	J
12	428	9.0	32	J	5.1	-12	152	-4.2	1.3	-2.1	1	J
13	439	7.0	17	J	5.8	10	178	-5.7	0.7	0.7	1	J
14	422	7.7	28	J	5.7	4	166	-4.8	1.2	-0.3	3	J
15	415	7.3	37	J	5.3	6	171	-4.8	0.9	0.1	2	J
16	412	7.2	58	J	4.8	12	178	-4.7	0.6	0.8	1	J
17	410	7.3	61	J	4.7	4	171	-4.5	0.8	0.0	1	J
18	415	6.5	30	J	4.6	-13	154	-3.9	1.5	-1.6	1	J
19	409	6.4	31	J	4.0	-17	174	-3.6	0.0	-1.2	1	J
20	406	6.5	22	J	4.0	4	196	-3.5	-0.9	0.5	2	J
21	404	6.3	17	J	4.4	-15	200	-3.7	-1.6	-0.7	2	J
22	405	6.3	24	J	4.6	-21	183	-4.2	-0.5	-1.5	1	J
23	399	6.9	28	J	4.5	-8	166	-4.1	0.9	-0.8	1	J
24	402	6.4	25	J	4.9	-7	174	-4.7	0.4	-0.7	1	J

OCT. 8, 1988 (282)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	404	6.9	24	J	5.4	-11	169	-5.2	0.8	-1.2	1	J
2												
3												
4												
5												
6												
7												
8												
9												
10	355	9.6	77	J	4.8	7	173	-4.5	0.8	0.2	1	J
11	354	9.6	61	J	4.7	14	189	-4.4	0.0	1.3	1	J
12	361	8.5	28	J	4.7	-4	174	-4.6	0.2	-0.5	1	J
13	365	8.2	21	J	4.8	-24	164	-4.1	0.0	-2.2	1	J
14	382	8.9	19	J	5.0	-38	130	-2.3	0.9	-3.8	2	J
15	379	9.2	18	J	4.9	-41	127	-2.0	1.0	-3.9	2	J
16	374	11.6	28	J	5.1	-46	152	-2.9	-0.1	-3.8	2	J
17	377	11.3	22	J	5.0	-9	126	-2.6	3.1	-2.0	2	J
18	374	11.4	26	J	5.4	-42	165	-3.8	-0.2	-3.7	1	J
19	370	12.0	23	J	5.6	-26	211	-4.0	-3.0	-1.5	2	J
20	369	12.2	22	J	5.1	-16	219	-3.6	-3.1	-0.6	2	J
21	368	13.2	19	J	4.4	-7	176	-3.3	0.1	-0.4	3	J
22	368	13.0	21	J	4.8	-35	217	-2.6	-2.3	-1.8	3	J
23	380	13.0	35	J	3.0	-8	159	-1.0	0.4	-0.2	3	J
24	386	12.9	27	J	5.2	59	63	1.0	2.7	3.3	3	J

OCT. 9, 1988 (283)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	388	12.7	33	J	4.9	61	328	1.3	-0.2	2.9	4	J
2	380	11.5	41	J	6.0	-28	134	-3.3	2.7	-3.3	3	J
3	389	9.5	71	J	4.9	-25	128	-2.6	2.6	-2.8	2	J
4												
5												
6												
7												
8												
9												
10												
11												
12	436	12.1	114	J	9.3	-54	215	-4.4	-6.6	-4.4	2	J
13	420	11.3	102	J	8.5	-19	152	-5.8	1.4	-3.5	5	J
14	442	11.9	124	J	8.0	1	115	-3.0	5.5	-3.1	4	J
15	428	11.3	128	J	8.1	-11	132	-4.7	3.9	-3.6	4	J
16	438	10.0	112	J	9.2	7	112	-2.8	6.7	-2.1	5	J
17	441	9.3	89	J	9.5	-7	108	-2.5	6.6	-3.8	5	J
18	431	7.9	77	J	9.6	-3	116	-3.7	7.1	-2.9	4	J
19	418	7.0	61	J	10.0	-6	121	-5.0	7.7	-3.4	2	J
20	412	6.5	59	J	10.0	-12	123	-5.3	7.4	-4.0	2	J
21	411	6.4	51	J	9.8	-9	122	-5.1	7.6	-3.2	1	J
22	403	7.1	46	J	9.4	-9	126	-5.4	7.0	-2.9	2	J
23	401	7.2	36	J	9.3	4	123	-5.0	7.7	-0.8	2	J
24	401	5.5	33	J	9.7	3	118	-4.5	8.4	-1.2	2	J

88-10-10 - 88-10-18

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					OCT. 10, 1988 (284)							
1	401	7.2	31	J	9.2	9	112	-3.3	8.2	-0.4	3	J
2	389	7.7	43	J	8.9	-2	124	-4.9	6.9	-2.1	2	J
3	434	12.7	46	J	11.9	15	105	-2.8	10.7	-0.2	5	J
4	461	15.1	63	J	15.2	13	109	-4.8	14.2	-1.4	2	J
17					18.7	13	130	-5.8	7.2	-0.7	15	J
18					27.4	18	166	-19.7	6.8	4.6	16	J
19					25.3	-69	161	-6.7	-3.0	-18.4	16	J
20					27.2	-57	121	-6.7	5.9	-22.3	13	J
21					22.7	-29	122	-9.6	12.9	-13.1	10	J
22					18.1	-14	118	-5.3	9.3	-4.7	14	J
23					17.9	18	132	-10.9	12.9	2.9	5	J
24					8.8	-4	125	-3.8	5.3	-1.5	6	J
					OCT. 12, 1988 (286)							
1					19.3	-2	169	-18.7	3.4	-1.4	3	J
2					17.2	0	170	-16.9	2.9	-0.7	1	J
3					15.2	16	167	-13.8	4.2	3.0	4	J
4					17.0	10	174	-16.6	2.6	2.2	2	J
5					17.6	12	180	-17.1	1.4	3.4	3	J
6					18.0	6	171	-17.7	3.3	0.5	1	J
7					16.8	2	169	-16.4	3.1	-1.0	1	J
8					15.3	2	174	-15.2	1.6	-0.4	1	J
9					13.3	6	178	-13.2	1.1	0.9	0	J
					OCT. 15, 1988 (289)							
1	320	5.0	6	J	2.8	-18	279	0.4	-2.6	-0.3	1	J
2	318	6.1	7	J	2.6	-24	266	-0.2	-2.5	-0.5	1	J
3	319	6.6	12	J	3.0	-18	295	1.0	-2.3	-0.2	2	J
4	323	6.3	16	J	2.8	8	344	2.1	-0.5	0.5	2	J
5	324	8.4	17	J	3.7	-14	303	1.7	-2.7	0.3	2	J
6	327	8.9	17	J	3.5	-4	303	1.6	-2.4	0.9	2	J
7	332	9.7	11	J	4.4	-25	251	-1.2	-3.9	0.1	2	J
8	331	8.3	12	J	4.9	-29	235	-2.4	-4.1	-0.3	1	J
9	331	9.2	18	J	4.5	-10	250	-1.2	-3.2	1.3	3	J
10	331	9.5	21	J	5.1	64	10	1.1	1.4	1.9	4	J
11	334	10.3	27	J	4.5	-22	99	-0.4	1.6	-2.4	4	J
12	338	8.7	23	J	5.1	31	76	1.0	4.8	-0.1	2	J
13	347	9.7	36	J	4.9	9	93	-0.2	3.3	-1.4	3	J
14	357	14.4	54	J	6.4	-54	128	-1.9	0.0	-4.8	4	J
15	354	17.3	73	J	6.4	-48	308	1.9	-3.7	-1.9	5	J
16	347	16.4	91	J	6.7	-8	331	5.0	-2.9	0.4	3	J
17	354	16.2	94	J	6.1	-16	327	3.8	-2.8	-0.3	4	J
18	380	11.3	117	J	8.9	47	340	5.3	0.1	6.3	3	J
					OCT. 17, 1988 (291)							
4	511	9.5	157	J	13.4	4	332	10.6	-5.1	2.6	6	J
5	531	9.2	183	J	14.1	12	312	8.7	-8.0	6.1	5	J
6	516	8.8	144	J	14.2	14	325	10.7	-5.5	6.1	4	J
7	536	9.0	182	J	14.3	2	317	9.4	-7.5	4.4	6	J
8	549	9.0	189	J	14.6	24	307	7.5	-5.8	9.8	5	J
9	547	9.1	187	J	14.9	15	305	7.5	-7.3	8.7	6	J
10	538	8.3	162	J	15.5	9	309	9.3	-8.4	8.1	4	J
13	500	9.8	148	J	15.8	12	326	12.2	-5.4	6.9	5	J
14	516	9.6	189	J	16.3	14	300	7.2	-9.1	9.2	7	J
15	479	7.3	134	J	16.8	5	301	8.3	-11.7	7.5	4	J
16	498	10.3	277	J	14.8	26	323	9.5	-4.2	8.2	6	J
17	496	10.9	193	J	14.0	3	325	10.8	-6.8	3.3	5	J
18	533	9.8	239	J	14.7	30	314	7.4	-5.4	8.2	8	J
19	532	9.1	333	J	13.0	20	316	8.4	-6.7	6.3	4	J
20	560	10.6	370	J	9.4	-16	335	5.1	-2.7	-1.0	8	J
21	608	8.5	262	J	7.5	-65	203	-2.3	-2.0	-5.1	4	J
22	588	8.8	251	J	7.8	-6	73	1.7	5.4	-1.6	5	J
23	554	7.1	245	J	8.5	13	340	6.2	-2.0	1.9	5	J
24	581	7.6	344	J	8.3	-24	307	3.8	-5.4	-1.9	5	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					OCT. 11, 1988 (285)							
1					12.5	-21	142	-7.8	5.1	-5.0	8	J
2					16.1	30	154	-10.9	6.9	5.5	8	J
3					12.2	35	157	-8.2	5.1	5.0	5	J
4					13.5	23	158	-11.2	6.0	3.3	4	J
5					17.4	11	157	-15.7	7.4	0.5	2	J
6					16.6	12	159	-15.1	6.7	0.6	2	J
18					18.1	8	161	-16.9	6.3	0.5	0	J
19					16.6	5	160	-15.5	5.8	-0.2	1	J
20					15.3	5	160	-14.3	5.4	0.0	1	J
21					12.7	16	166	-11.8	3.6	2.8	1	J
22					10.9	14	162	-10.0	3.7	1.9	1	J
23					16.0	8	163	-15.1	4.9	1.3	3	J
24					19.3	0	170	-19.0	3.3	-0.6	1	J
					OCT. 14, 1988 (288)							
15					4.0	-82	146	-0.3	-1.1	-2.7	3	J
					OCT. 16, 1988 (290)							
2	408	9.2	76	J	9.4	21	103	-1.8	8.4	1.2	3	J
3	402	8.5	61	J	10.6	17	104	-2.3	9.7	0.3	3	J
4	396	8.9	72	J	10.7	3	109	-3.3	9.3	-2.6	3	J
5	390	9.8	56	J	11.5	15	104	-2.5	10.4	-1.2	4	J
6	385	11.6	61	J	11.0	16	100	-1.7	10.1	-1.5	4	J
7	373	16.0	135	J	8.1	-17	306	3.1	-4.5	0.6	6	J
8	375	15.7	86	J	10.7	47	278	1.0	-2.3	10.1	3	J
9	374	19.3	91	J	10.8	2	300	5.1	-7.4	5.0	3	J
10	376	15.1	66	J	12.6	19	299	5.6	-6.4	8.9	3	J
11	387	14.8	77	J	12.2	11	298	5.4	-7.3	7.5	3	J
12	386	18.8	77	J	10.0	-12	313	6.3	-6.8	2.0	3	J
13	388	18.2	41	J	12.4	9	304	6.7	-7.5	6.8	3	J
14	395	11.1	30	J	14.0	21	300	6.3	-7.2	9.6	4	J
15	396	10.0	33	J	14.3	4	309	8.6	-9.0	5.7	4	J
16	409	7.1	88	J	14.7	-16	303	7.6	-12.4	1.1	1	J
17	416	5.7	95	J	15.6	-19	300	7.3	-13.7	-0.1	2	J
18	421	7.7	93	J	16.2	-33	304	7.3	-13.0	-4.7	4	J
19	447	14.3	120	J	15.4	4	312	9.6	-10.0	3.8	5	J
20	451	13.2	113	J	15.4	16	314	9.4	-8.6	6.0	6	J
					OCT. 18, 1988 (292)							
1	578	7.5	342	J	7.6	-14	343	3.8	-1.3	-0.8	6	J
2	578	7.1	306	J	7.9	-4	350	5.6	-1.1	-0.2	5	J
3	594	6.2	258	J	9.5	58	8	4.3	2.4	6.5	5	J
4	603	6.7	336	J	8.9	45	65	2.6	7.3	4.1	1	J
6	559	5.2	234	J	8.4	-9	351	7.8	-1.6	-0.6	3	J
7	559	5.0	126	J	9.4	0	340	8.6	-2.8	1.4	2	J
8	560	5.5	143	J	9.2	-12	6	7.4	-0.1	-1.8	5	J
9	579	5.8	166	J	12.0	-25	357	10.6	-3.1	-3.9	3	J
10	578	6.1	171	J	12.8	-24	342	10.5	-5.5	-2.3	4	J
11	569	5.8	164	J	12.9	-38	8	9.1	-2.8	-6.8	5	J
12	550	6.7	123	J	13.3	-15	334	11.2	-6.4	0.1	3	J
13	562	7.0	199	J	14.7	-30	318	9.0	-10.6	-1.8	4	J
14	556	7.0	211	J	14.4	-37	324	8.5	-9.2	-3.9	6	J
15	538	6.6	169	J	13.6	-42	350	9.7	-5.5	-7.1	3	J
16	528	5.7	128	J	13.7	-35	334	9.7	-7.4	-5.0	4	J
17	537	5.1	120	J	14.0	-33	335	10.3	-7.1	-5.2	3	J
18	584	4.6	267	J	13.0	-21	312	7.4	-9.1	-1.5	5	J
19	565	4.5	197	J	13.0	-29	330	9.2	-6.6	-4.3	5	J
20	657	6.4	355	J	12.4	36	277	0.9	-5.9	6.8	9	J
21	604	5.0	320	J	12.4	-7	296	4.5	-9.3	0.5	7	J
22	588	4.5	316	J	11.9	-29	316	7.0	-7.6	-4.2	4	J
23	610	3.8	311	J	10.5	-26	308	4.9	-6.8	-2.8	6	J
24	651	4.1	353	J	8.9	5	297	3.1	-5.9	1.6	6	J

88-10-19 - 88-10-29

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					OCT. 19, 1988 (293)							
1	660	4.3	426	J	8.0	46	345	4.0	-0.2	4.4	5	J
2	687	4.9	415	J	8.0	42	76	1.2	5.8	3.4	4	J
3	618	3.8	245	J	9.2	-1	330	6.5	-3.7	0.9	5	J
4	638	4.1	357	J	8.9	17	305	3.9	-4.7	3.8	5	J
5	621	3.1	214	J	9.5	-16	299	4.4	-8.3	0.5	2	J
6												
7	684	2.7	181	J	6.0	1	309	3.2	-3.5	1.9	3	J
8	718	2.7	223	J	6.0	-2	278	0.8	-4.7	2.5	3	J
9	712	2.6	218	J	5.5	18	326	2.1	-0.8	1.5	5	J
10	690	2.3	168	J	5.6	0	326	3.2	-1.8	1.2	4	J
11	684	2.1	149	J	5.5	15	23	4.0	2.1	0.1	3	J
12	701	1.8	137	J	5.9	-16	297	2.4	-4.8	1.2	2	J
13	701	1.7	144	J	5.4	-18	314	3.0	-3.4	0.4	3	J
14	681	1.7	130	J	5.3	1	322	3.6	-2.4	1.4	3	J
15	662	1.5	92	J	5.3	-8	349	4.9	-1.2	-0.2	2	J
16	670	1.5	81	J	5.2	-1	342	4.8	-1.5	0.5	1	J
17	642	1.6	174	J	5.3	-1	338	4.7	-1.8	0.6	2	J
18	641	1.6	190	J	5.0	-11	338	4.5	-2.0	-0.3	1	J
19	632	1.9	155	J	4.9	-11	320	3.2	-2.8	-0.1	2	J
20	629	1.8	93	J	4.9	-8	309	2.8	-3.5	0.1	2	J
21	646	1.9	109	J	5.1	7	296	2.0	-3.9	1.3	2	J
22	623	1.8	86	J	5.4	-6	306	2.7	-3.8	0.1	3	J
23	610	1.8	75	J	5.4	4	317	3.8	-3.4	0.9	1	J
24	596	2.4	76	J	5.7	-9	305	3.1	-4.4	-0.1	2	J
					OCT. 20, 1988 (294)							
1	594	2.3	119	J	5.5	-22	347	3.8	-1.2	-1.4	4	J
2	582	2.1	84	J	5.6	-16	318	3.7	-3.6	-0.7	2	J
3	550	2.8	177	J	5.4	-8	326	4.0	-2.8	0.0	3	J
4	613	2.1	83	J	5.6	3	296	2.2	-4.3	1.7	2	J
5	627	2.2	81	J	5.7	-13	286	1.5	-5.3	0.7	2	J
6												
7												
8												
9												
10												
11	604	2.0	61	J	5.3	-26	289	1.5	-4.9	0.4	1	J
12	592	1.9	63	J	5.5	27	297	2.0	-2.1	3.9	3	J
13	595	2.6	105	J	5.4	37	287	0.9	-1.4	3.5	4	J
14	627	3.2	95	J	4.7	-2	79	0.6	2.8	-1.6	3	J
15	620	3.1	94	J	5.0	63	59	1.0	3.2	2.7	3	J
16	605	3.0	144	J	5.1	58	26	2.1	2.4	3.0	3	J
17	586	3.6	124	J	5.7	-30	19	4.2	0.5	-2.9	3	J
18	561	3.9	151	J	5.7	-1	23	4.7	1.9	-0.7	3	J
19	607	3.1	105	J	5.2	-6	79	0.8	4.0	-1.5	3	J
20	584	2.8	116	J	4.8	13	54	2.5	3.6	0.2	2	J
21	588	2.7	154	J	4.5	-51	16	1.6	0.1	-2.1	4	J
22	558	3.4	155	J	4.4	-8	336	3.4	-1.6	-0.3	2	J
23	596	2.5	143	J	4.5	-29	287	0.9	-3.2	-1.2	3	J
24	590	2.5	157	J	4.2	-47	314	1.6	-2.1	-2.2	2	J
					OCT. 21, 1988 (295)							
1	584	2.5	134	J	4.3	-15	309	1.9	-2.5	-0.4	3	J
2	565	2.4	95	J	4.3	6	15	3.5	1.0	0.2	2	J
3	570	2.3	110	J	4.1	26	348	2.6	-0.2	1.4	3	J
4	552	2.0	72	J	4.0	5	354	3.5	-0.3	0.4	2	J
5	586	2.1	77	J	4.0	-27	300	1.3	-2.6	-0.4	3	J
6												
7												
8												
9												
10												
11	473	2.2	50	J	4.2	25	331	3.2	-0.6	2.4	1	J
12	475	2.4	51	J	4.2	18	323	3.0	-1.3	2.3	1	J
13	469	2.0	71	J	4.3	-18	340	3.8	-1.8	-0.4	1	J
14	466	2.2	98	J	4.4	14	342	3.9	-0.6	1.5	1	J
15	467	2.6	68	J	4.3	39	348	2.9	0.5	2.4	2	J
16	461	2.8	70	J	4.0	50	349	2.3	0.7	2.8	2	J
17	461	2.6	38	J	4.1	53	344	2.3	0.5	3.1	1	J
18					4.0	28	340	3.2	-0.6	2.0	1	J
19					3.9	18	324	2.6	-1.6	1.5	2	J
20					3.8	-2	351	3.7	-0.6	0.0	1	J
21	442	2.2	31	J	3.8	-4	357	3.6	-0.2	-0.2	1	J
22	432	2.1	44	J	3.9	-2	3	3.6	0.2	-0.2	1	J
23	429	2.5	66	J	4.1	-12	13	3.8	0.7	-1.0	1	J
24	443	2.5	43	J	3.5	-14	353	2.9	-0.5	-0.7	2	J
					OCT. 22, 1988 (296)							
1					2.1	25	272	0.1	-1.6	1.2	1	J
2												
3					4.0	23	295	1.4	-2.6	2.1	2	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	400	4.2	31	J	4.2	50	307	1.5	-0.3	3.5	2	J
15	393	4.5	37	J	4.6	36	321	1.9	-0.6	2.3	3	J
16	395	4.0	48	J	4.2	-4	308	2.1	-2.6	0.8	2	J
17	388	4.0	54	J	4.0	6	306	2.2	-2.7	1.4	2	J
18	390	4.1	58	J	4.2	26	310	1.8	-1.7	2.0	3	J
19												
20												
21												
22												
23												
24												
					OCT. 26, 1988 (300)							
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24	423	6.9	86	J	6.4	13	319	3.8	-3.1	1.6	4	J
					OCT. 27, 1988 (301)							
1	412	6.7	56	J	6.7	19	338	5.2	-1.8	2.2	3	J
2	419	6.9	75	J	6.8	25	321	4.2	-2.9	3.1	3	J
3	410	6.5	56	J	6.4	11	334	5.2	-2.2	1.7	3	J
4	409	6.4	66	J	6.5	27	332	4.5	-1.5	3.2	3	J
5	412	6.5	62	J	6.4	6	325	4.0	-2.5	1.4	4	J
6	425	6.7	65	J	6.8	-24	300	2.4	-4.7	-0.3	4	J
7	404	6.1	44	J	6.5	2	333	5.0	-2.2	1.3	3	J
8	413	7.1	72	J	6.9	-7	306	3.2	-4.1	1.5	4	J
9	415	7.2	72	J	6.7	1	306	3.3	-3.9	2.4	3	J
10	410	7.1	61	J	6.9	-23	338	3.9	-2.3	-0.7	5	J
11	419	7.3	71	J	7.2	1	297	2.8	-4.7	2.9	4	J
12	394	7.2	64	J	6.8	17	347	5.8	-0.2	2.2	3	J
13	420	7.9	69	J	7.1	-16	297	2.5	-5.0	1.0	4	J
14	438	7.7	60	J	7.2	-18	267	-0.3	-6.4	1.0	3	J
15	448	7.6	52	J	7.4	-25	254	-1.8	-6.9	-0.1	2	J
16	433	7.4	53	J	7.2	-26	274	0.4	-6.2	-0.5	4	J
17	417	7.6	45	J	7.4	-8	287	2.0	-6.4	1.2	3	J
18												
19												
20												
21	432	7.3	59	J	7.0	7	280	1.1	-5.8	1.7	3	J
22	423	7.4	66	J	6.9	0	292	2.2	-5.5	0.8	3	J
23	409	7.2	64	J	6.5	-20	336	4.2	-2.1	-1.4	4	J
24												
					OCT. 28, 1988 (302)							
1												
2												
3												
4												
5	433	7.9	100	J	6.9	58	332	2.7	0.3	5.1	4	J
6	452	7.4	81	J	7.4	56	276	0.4	-1.2	5.9	4	J
7	419	7.1	75	J	7.1	10	325	4.4	-2.4	2.2	4	J
8	430	7.0	72	J	7.2	-25	329	3.9	-3.1	-0.8	5	J
9	433	7.0	93	J	6.7	-29	304	2.8	-5.0	-0.4	3	J
10	435	5.1	126	J	6.4	-23	301	2.9	-5.4	0.4	2	J
11	458	3.5	115	J	6.4	34	311	2.8	-1.3	4.2	4	J
12	447	3.3	104	J	6.6	-12	323	4.1	-3.2	0.6	4	J
13	465	3.1	143	J	5.8	-13	289	1.6	-4.7	1.3	3	J
14	457	3.4	176	J	5.2	29	321	2.7	-1.1	2.7	3	J
15	456	3.6	146	J	5.4	27	342	4.2	-0.3	2.6	2	J
16	453	3.2	131	J	5.1	-4	324	3.5	-2.5	0.7	3	J
17	453	2.9	123	J	4.7	3	316	2.9	-2.6	1.1	2	J
18	463	3.3	91	J	4.7	55	317	1.8	-0.7	3.9	2	J
19	458	3.4	89	J	4.6	24	330	2.7	-1.2	1.7	3	J
20												
21	481	3.1	67	J	4.7	-22	264	-0.4	-4.1	-1.0	2	J
22	443	2.7	82	J	4.3	-4	323	3.1	-2.4	0.0	2	J
23	444	2.8	75	J	4.4	-4	324	3.4	-2.5	0.0	1	J
24	442	2.6	62	J	4.3	-9	330	3.5	-2.1	-0.4	1	J
					OCT. 29, 1988 (303)							
1	430	2.7	100	J	4.0	-5	339	3.6	-1.4	-0.1	1	J
2												
3	449	3.5	67	J	4.4	2	263	-0.5	-4.1	1.1	1	J
4	444	3.3	49	J	4.1	5	256	-0.9	-3.4	1.3	2	J
5	445	3.3	45	J	3.7	-14	237	-1.9	-3.1	0.1	1	J
6	425	3.1	43	J	3.7	-14	283	0.5	-2.4	0.3	3	J
7	406	2.6	34	J	3.9	4	358	3.8	0.0	0.3	1	J
8	404	2.9	30	J	4.3	0	359	4.3	-0.1	0.0	0	J
9	404	2.4	41	J	4.3	2	0	4.3	0.1	0.1	1	J
10	400	2.4	39	J	4.3	-2	1	4.3	0.0	-0.2	0	J
11	396	2.8	83	J	3.8	-5	346	3.6	-0.9	0.2	1	J
12	417	2.1	61	J	4.9	-11	341	4.3	-1.7	0.0	1	J
13	405	1.8	24	J	4.9	-10	344	4.5	-1.5	-0.1	1	J
14	405	1.7	25	J	4.6	-3	348	4.4	-0.9	0.2	1	J
15	404	1.6	20	J	4.2	1	349	4.0	-0.7	0.4	1	J
16	404	1.4	31	J	4.1	9	351	3.8	-0.3	0.8	1	J
17					4.6	15	352	4.3	-0.2	1.3	1	J
18	384	2.4	61	J	4.7	14	355	4.5	-0.1	1.2	0	J
19	398	1.4	33	J	4.5	8	354	4.3	-0.3	0.7	1	J
20	395	1.7	26	J	4.1	9	344	3.7	-0.9	0.8	1	J
21					3.9	10	336	3.4	-1.4	0.9	1	J
22												
23												
24												

88-10-30 - 88-11-10

OCT. 30, 1988 (304)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4	337	3.1	30	J	3.2	-1	303	1.7	-2.5	0.7	0	J
5	336	3.3	24	J	3.3	8	308	2.0	-2.2	1.2	1	J
6					2.4	-18	285	0.6	-2.3	0.2	0	J
7	334	4.1	13	J	2.8	-3	322	2.2	-1.6	0.6	0	J
8	331	4.0	10	J	2.7	-11	299	1.2	-2.2	0.6	1	J
9	327	4.8	11	J	3.0	-14	296	1.2	-2.5	0.6	1	J
10	327	4.0	5	J	3.5	8	300	1.7	-2.3	1.9	1	J
11	323	3.9	7	J	3.8	2	296	1.6	-2.8	1.8	1	J
12	323	4.7	7	J	3.7	4	291	1.3	-2.8	1.9	1	J
13	313	5.4	15	J	3.0	19	349	2.6	0.0	1.0	1	J
14	309	5.4	14	J	2.8	9	2	2.7	0.3	0.3	1	J
15	309	5.6	14	J	2.7	-6	348	2.6	-0.6	0.0	1	J
16	307	6.2	16	J	2.8	-14	350	2.7	-0.7	-0.5	1	J
17	306	5.9	15	J	4.0	-9	316	2.6	-2.5	0.2	2	J
18	316	6.0	10	J	4.1	-7	302	2.1	-3.4	0.4	1	J
19	318	5.9	9	J	4.3	-7	299	2.1	-3.8	0.3	1	J
20	322	6.6	10	J	5.3	13	283	1.1	-4.4	1.9	3	J
21	417	15.8	47	J	13.5	40	259	-1.9	-8.3	9.5	5	J
22	420	18.2	41	J	12.6	35	265	-0.8	-8.8	8.0	5	J
23												
24												

OCT. 31, 1988 (305)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7					15.2	-40	308	7.2	-12.4	-5.0	1	J
8												
9	381	16.6	54	J	13.9	11	287	3.7	-9.5	8.1	5	J
10	387	25.6	50	J	10.6	44	230	-2.5	-0.7	4.8	9	J
11	388	25.5	50	J	10.5	40	167	-5.1	3.2	3.2	8	J
12	397	8.3	45	J	14.9	34	192	-10.7	1.7	7.5	7	J
13	411	11.9	33	J	13.5	4	290	3.8	-8.7	5.5	8	J
14	433	13.0	71	J	11.0	3	302	5.5	-7.7	4.4	4	J
15	402	9.6	49	J	11.5	5	289	3.7	-9.4	5.2	1	J
16	395	7.1	34	J	12.1	8	287	3.4	-9.9	5.5	2	J
17	398	6.8	55	J	11.1	-1	284	2.7	-10.2	3.1	1	J
18	398	4.2	23	J	11.5	0	282	2.4	-10.9	2.9	1	J
19	394	6.2	47	J	9.8	-11	284	2.3	-9.3	0.2	2	J
20	388	8.7	19	J	10.0	-1	279	1.5	-9.6	1.5	2	J
21	368	4.7	35	J	10.3	18	262	-1.3	-8.6	4.2	4	J
22	388	4.6	22	J	10.8	-3	273	0.6	-10.7	0.7	2	J
23	383	2.8	20	J	10.9	-15	278	1.5	-10.6	-1.6	1	J
24	380	4.9	28	J	9.3	-18	289	2.8	-8.5	-1.9	2	J

NOV. 1, 1988 (306)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	381	5.8	37	J	7.9	-27	291	2.4	-6.7	-2.6	2	J
2	364	5.1	34	J	5.8	-38	314	2.7	-3.2	-2.5	3	J
3	364	5.2	51	J	5.1	-14	310	2.9	-3.6	-0.4	2	J
4	372	5.0	40	J	5.4	-28	353	4.3	-1.1	-2.1	2	J
5	368	4.0	39	J	4.0	-24	40	2.7	1.6	-2.2	1	J
6												
7												
8	357	3.1	16	J	4.6	5	139	-3.0	2.5	-0.9	2	J
9	352	4.5	43	J	4.5	-7	141	-3.4	2.1	-1.8	1	J
10	348	4.3	60	J	5.3	9	134	-3.5	3.5	-1.1	2	J
11	334	5.4	194	J	5.7	15	141	-4.2	3.7	-0.4	1	J
12	349	6.0	98	J	5.6	33	159	-4.0	2.7	1.7	2	J
13	355	6.7	29	J	5.9	44	214	-3.3	-0.2	4.5	2	J
14	345	7.0	32	J	6.6	39	156	-4.5	3.6	2.7	2	J
15	345	6.8	31	J	7.0	14	128	-4.1	5.4	-0.6	2	J
16	353	7.3	28	J	7.1	-14	111	-2.4	5.3	-3.8	2	J
17	358	7.5	30	J	6.3	-41	108	-1.4	3.0	-5.1	2	J
18	361	8.1	51	J	5.3	-54	86	0.2	1.7	-4.3	3	J
19	356	7.9	45	J	5.4	-61	96	-0.2	1.3	-4.4	3	J
20	345	7.6	44	J	5.2	-31	107	-1.0	3.0	-2.6	3	J
21	342	7.5	32	J	5.4	-33	141	-2.9	2.0	-2.7	3	J
22	341	7.1	41	J	6.5	10	140	-4.8	4.1	0.6	1	J
23	346	7.4	56	J	6.6	-1	138	-4.5	4.0	-0.5	2	J
24	346	9.1	31	J	5.8	-42	137	-2.8	2.2	-3.7	3	J

NOV. 2, 1988 (307)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	349	11.0	17	J	5.4	-80	164	-0.9	-0.4	-5.0	2	J
2	350	9.6	16	J	6.4	-65	351	2.5	-1.3	-5.3	2	J
3	357	9.1	10	J	6.8	-38	356	5.3	-1.2	-4.0	1	J
4	357	11.3	12	J	7.0	-24	336	5.7	-3.2	-2.0	1	J
5	352	12.3	10	J	7.2	-29	328	5.3	-4.3	-2.3	0	J
6												
7												
8												
9												
10					9.6	-24	144	-7.1	2.6	-5.9	0	J
11	375	12.4	27	J	9.4	-26	146	-7.0	2.1	-5.9	1	J
12	368	13.9	31	J	9.2	-38	183	-5.4	-2.3	-3.6	6	J
13	380	13.5	18	J	12.2	-66	240	-2.4	-8.7	-7.6	3	J
14	409	9.7	37	J	14.6	-38	146	-8.4	1.7	-9.6	7	J
15	459	6.2	37	J	15.6	-16	137	-10.9	7.7	-7.9	1	J
16	477	10.2	283	J	9.4	-6	140	-6.4	4.7	-2.7	5	J
17	473	11.8	293	J	9.7	-23	133	-4.3	3.6	-4.0	7	J
18	467	12.9	278	J	10.9	-37	125	-4.6	4.9	-7.5	4	J
19	457	13.3	297	J	10.8	-35	128	-5.0	5.1	-6.9	4	J
20	452	12.4	187	J	10.5	-18	150	-6.1	3.1	-2.8	8	J
21	477	12.8	261	J	9.0	38	151	-3.0	2.0	2.5	8	J
22	488	13.9	271	J	7.2	48	198	-3.8	-0.7	4.6	4	J
23	487	15.1	252	J	8.6	-25	201	-6.5	-2.8	-3.0	4	J
24	477	14.8	330	J	8.3	-10	191	-6.9	-1.5	-1.1	4	J

NOV. 3, 1988 (308)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	480	13.6	265	J	10.0	21	142	-5.1	4.3	2.0	7	J
2	493	12.5	196	J	12.1	-36	135	-6.1	5.0	-7.2	6	J
3	492	11.2	179	J	11.4	-7	132	-7.2	7.6	-2.9	3	J
4	532	10.4	233	J	8.7	21	220	-3.9	-2.6	2.7	7	J
5	516	8.0	189	J	8.3	6	172	-6.6	1.1	0.4	5	J
6												
7												
8												
9												
10												
11												
12												
13	487	6.4	70	J	7.2	8	171	-6.8	1.4	0.4	2	J
14	493	6.5	85	J	7.1	0	148	-5.3	3.0	-1.4	3	J
15	495	8.2	138	J	6.6	-19	219	-4.0	-3.7	-0.4	4	J
16	477	8.2	140	J	7.1	-9	167	-5.3	0.9	-1.2	4	J
17	491	7.4	116	J	7.0	17	115	-2.7	6.0	0.2	2	J
18	482	6.8	105	J	6.8	14	124	-3.3	5.1	0.2	3	J
19	489	7.5	122	J	5.9	-36	157	-3.2	0.8	-2.7	4	J
20												
21	478	5.8	105	J	5.5	21	129	-3.2	4.1	1.4	1	J
22	484	5.7	89	J	5.6	-2	120	-2.5	4.4	-0.6	2	J
23	485	5.8	90	J	5.3	-10	124	-2.5	3.7	-1.2	3	J
24	476	6.1	98	J	5.6	2	133	-3.3	3.5	-0.2	3	J

NOV. 8, 1988 (313)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8	381	4.9	81	J	5.0	-34	149	-2.9	0.6	-2.8	3	J
9	376	4.5	52	J								
10	361	3.9	63	J	4.9	-19	149	-3.6	1.2	-2.3	2	J
11	378	4.8	63	J	5.9	-28	121	-2.4	2.4	-4.1	2	J
12	365	4.5	55	J	5.7	-15	133	-3.5	2.7	-2.9	2	J
13	347	4.3	64	J	5.5	-13	160	-4.6	1.0	-1.7	2	J
14	370	4.0	48	J	5.8	-31	130	-2.7	1.9	-3.6	3	J
15	410	3.9	45	J								
16	441	4.6	62	J								
17												
18												
19												
20												
21												
22												
23												
24	406	3.6	30	J	8.4	17	80	1.4	8.0	1.8	1	J

NOV. 9, 1988 (314)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	383	3.5	27	J	7.8	20	87	0.4	7.4	1.9	1	J
2	377	3.2	32	J								
3	388	5.0	19	J	6.8	41	71	1.6	5.5	3.5	1	J
4	377	5.0	24	J	6.4	42	87	0.2	5.4	3.0	2	J
5	363	4.5	23	J	6.3	27	111	-1.9	5.6	1.2	2	J
6	346	4.2	37	J	4.9	29	126	-2.2	3.6	0.9	2	J
7	345	5.4	55	J	5.6	18	133	-3.4	4.0	0.1	2	J
8	380	7.7	59	J	6.4	4	107	-1.6	5.0	-1.9	3	J
9	378	7.8	51	J	6.1	29	104	-1.1	5.1	0.3	3	J
10	381	7.9	42	J	5.9	-15	93	-0.2	3.5	-3.3	3	J
11	367	7.0	58	J	6.2	-14	116	-2.4	3.7	-3.5	3	J
12	373	8.4	26	J	7.0	-53	101	-0.8	1.1	-6.6	2	J
13	375	7.2	27	J	6.8	-17	98	-0.5	2.6	-2.4	6	J
14	363	8.0	35	J	7.0	-53	110	-1.2	1.1	-5.4	4	J
15	362	6.3	24	J	6.9	-54	124	-2.1	1.0	-6.0	3	J
16	357	6.7	41	J	6.9	-10	130	-4.1	4.3	-2.6	2	J
17	358	6.5	24	J	6.7	-25	113	-2.3	4.5	-4.1	1	J
18	330	7.7	58	J	6.1	-8	129	-3.6	4.1	-1.7	2	J
19												
20												
21												
22												
23												
24												

NOV. 10, 1988 (315)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2	350	6.9	24	J	6.0	-34	184	-3.3	-0.5	-2.2	4	J
3	364	7.6	30	J	6.5	-45	118	-2.1	3.1	-5.0	2	J
4	355	8.0	46	J	6.9	-54	159	-3.6	0.2	-5.4	2	J
5	355	7.2	39	J	7.4	-51	140	-3.5	1.3	-6.2	2	J
6	358	7.7	42	J	7.0	-49	131	-2.8	1.4	-5.8	2	J
7	371	8.8	51	J	5.8	-25	88	0.2	3.3	-3.6	3	J
8	362	8.3	49	J	5.6	-17	96	-0.5	3.6	-3.3	3	J
9	345	6.8	43	J	6.2	-22	134	-3.7	2.4	-3.6	2	J
10	352	6.5	65	J	6.3	-25	127	-3.2	2.6	-4.2	2	J
11	360	6.2	45	J	7.0	-19	120	-3.2	3.9	-4.5	2	J
12	383	5.6	26	J	7.1	19	84	0.6	6.3	-0.9	3	J
13	375	3.4	36	J	7.8	-19	121	-3.7	4.5	-4.9	2	J
14	376	3.9	46	J	7.6	-27	126	-3.8	3.5	-5.1	2	J
15	401	12.0	69	J	3.6	-66	123	-0.5	0.0	-2.3	3	J
16	400	10.3	62	J	2.8	50	155	-0.9	0.7	1.0	3	J
17	397	9.9	55	J	2.3	39	18	1.4	0.8	1.0	1	J
18	394	8.9	56	J	2.9	32	184	-2.3	0.1	1.4	1	J
19	393	7.5	45	J	2.5	7	185	-2.4	-0.2	0.3	1	J
20	387	6.5	40	J	2.2	8	168	-2.0	0.5	0.2	1	J
21	392	6.7	35	J	3.9	10	183	-3.8	-0.1	0.7	1	J
22	383	6.0	35	J	2.4	2	179	-2.3	0.0	0.1	1	J
23	371	6.3	39	J	2.3	32	207	-1.1	-0.5	0.8	2	J
24	358	6.2	47	J	1.3	36	309	0.6	-0.6	0.7	1	J

88-11-11 - 88-11-21

NOV. 11, 1988 (316)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	368	6.6	29	J	0.9	39	196	-0.4	-0.1	0.4	1	J
2												
3	337	6.0	23	J	3.1	31	322	2.1	-1.4	1.8	1	J
4	354	5.8	22	J	3.4	42	288	0.7	-1.8	2.6	1	J
5	366	5.3	20	J	4.2	57	258	-0.5	-1.1	3.8	1	J
6	373	5.9	31	J	5.1	45	267	-0.2	-2.1	4.4	2	J
7	378	3.7	20	J	5.7	24	254	-1.4	-3.7	4.0	1	J
8	429	3.5	44	J	7.6	42	251	-1.8	-2.7	6.7	3	J
9	482	5.3	115	J	11.7	24	252	-3.1	-6.7	8.3	4	J
10	474	6.3	74	J	13.6	35	241	-4.8	-4.5	10.0	6	J
11	473	5.3	57	J	15.2	25	247	-5.0	-7.8	10.8	6	J
12	477	6.0	53	J	16.6	8	255	-4.1	-12.7	8.8	5	J
13	464	7.5	63	J	16.7	17	253	-4.5	-11.4	10.6	4	J
14	444	8.5	46	J	17.2	9	263	-2.0	-14.0	8.8	4	J
15	442	8.4	31	J	17.0	-2	265	-1.5	-16.0	5.4	2	J
16	442	9.6	30	J	15.7	-11	258	-3.2	-15.2	1.8	2	J
17	445	10.7	29	J	14.0	-10	258	-2.8	-13.4	1.1	3	J
18	439	12.4	31	J	12.3	-20	255	-2.9	-11.5	-1.8	3	J
19	431	7.7	40	J	13.1	-40	261	-1.5	-10.9	-6.6	3	J
20	436	8.8	35	J	12.6	-31	258	-2.2	-11.2	-5.2	2	J
21	461	9.5	49	J	11.9	-21	244	-4.8	-10.1	-3.4	2	J
22												
23												
24												

NOV. 12, 1988 (317)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5	373	21.4	46	J	6.7	-10	294	2.5	-5.8	0.4	2	J
6	374	21.4	53	J	6.2	-5	286	1.5	-5.2	1.3	3	J
7	376	21.8	58	J	7.2	-13	293	2.4	-5.9	0.8	3	J
8	377	22.3	57	J	6.9	38	275	0.4	-2.6	5.0	4	J
9	381	29.6	55	J	7.0	63	309	0.7	0.2	2.5	7	J
10	389	36.9	61	J	7.3	39	331	3.7	-0.3	4.0	5	J
11	392	35.5	53	J	8.9	24	290	1.9	-3.5	4.6	7	J
12	397	37.1	49	J	7.1	14	235	-1.4	-1.6	1.5	7	J
13	393	28.6	40	J	9.8	52	248	-2.2	-1.8	9.0	4	J
14	393	27.7	38	J	11.5	72	98	-0.4	6.6	7.7	5	J
15	395	17.0	29	J	13.3	-23	100	-1.7	7.8	-7.4	8	J
16	401	11.9	34	J	12.3	-2	108	-3.6	10.4	-3.7	4	J
17	396	16.0	41	J	11.0	56	100	-1.1	8.2	7.3	2	J
18	398	15.9	32	J	12.7	62	100	-1.0	7.5	9.2	4	J
19	398	20.4	27	J	13.5	70	285	1.2	-2.4	12.9	3	J
20	400	25.1	28	J	13.6	38	289	3.4	-8.9	9.2	3	J
21	404	15.7	78	J	18.3	25	288	5.1	-15.0	8.9	3	J
22	412	13.9	57	J	16.4	15	292	5.9	-14.2	5.0	3	J
23												
24												

NOV. 13, 1988 (318)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7	455	6.5	30	J	6.8	2	353	6.5	-0.7	0.5	1	J
8	449	6.8	37	J	7.0	8	342	6.3	-1.5	1.7	2	J
9	443	8.6	47	J	7.4	10	340	6.8	-1.7	2.2	1	J
10	449	11.5	44	J	6.9	5	330	5.9	-2.8	2.0	1	J
11	451	10.4	56	J	7.4	7	328	6.2	-3.1	2.6	1	J
12	455	14.5	49	J	6.2	2	328	5.2	-2.8	1.6	1	J
13	458	16.6	42	J	5.6	-4	334	4.9	-2.3	0.6	1	J
14	443	10.4	85	J	7.2	-6	341	6.3	-2.3	0.2	3	J
15	439	8.4	83	J	7.6	-10	338	6.7	-3.0	-0.3	2	J
16	450	8.3	55	J	7.7	-9	330	6.2	-3.7	0.0	3	J
17	457	9.6	52	J	7.8	-5	307	4.3	-5.7	0.8	3	J
18	458	10.8	42	J	7.6	8	285	1.8	-6.3	2.2	3	J
19	453	10.1	64	J	7.5	-2	312	4.0	-4.4	0.4	5	J
20	447	10.2	73	J	7.7	7	325	5.9	-4.0	1.3	3	J
21	443	10.2	82	J	7.6	8	341	6.5	-2.1	1.1	3	J
22	453	10.7	71	J	7.7	-5	329	5.1	-3.1	-0.4	5	J
23	470	11.3	58	J	8.1	13	289	2.3	-6.7	1.9	3	J
24	466	11.6	65	J	7.8	53	340	2.9	-0.9	4.2	6	J

NOV. 14, 1988 (319)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	509	7.1	111	J	8.6	11	325	6.8	-3.9	3.1	2	J
16	527	7.3	168	J	8.6	11	308	4.8	-5.4	3.2	3	J
17	532	7.6	173	J	8.3	-2	309	4.4	-5.3	1.1	4	J
18	522	7.1	137	J	8.3	5	311	5.0	-5.5	1.7	3	J
19	542	7.2	140	J	8.3	20	294	2.4	-5.1	2.9	5	J
20	503	7.4	84	J	7.9	-8	349	7.2	-1.5	-0.9	3	J
21	507	6.8	74	J	9.0	15	326	6.2	-4.1	2.3	5	J
22	502	6.7	87	J	8.8	-4	318	5.8	-5.2	-0.3	4	J
23	510	6.9	104	J	8.4	3	310	4.5	-5.3	0.6	5	J
24	514	6.5	103	J	8.2	0	311	4.7	-5.4	0.2	4	J

NOV. 15, 1988 (320)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	517	6.5	120	J	7.9	11	305	4.0	-5.6	1.7	3	J
2	532	6.8	148	J	8.7	-22	307	4.2	-5.8	-2.3	4	J
3	529	6.6	110	J	10.7	-10	318	7.2	-6.6	-0.8	4	J
4	530	6.8	121	J	10.4	10	320	6.1	-4.8	2.4	6	J
5	533	7.7	195	J	9.4	6	314	5.5	-5.3	2.2	5	J
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18	587	3.0	148	J	5.7	29	317	3.3	-2.6	3.0	2	J
19	585	2.9	141	J	5.7	-1	322	3.6	-2.8	0.3	3	J
20	570	2.6	96	J	5.6	-1	327	4.2	-2.7	0.2	2	J
21	564	2.8	109	J	5.3	26	334	4.1	-1.9	2.4	1	J
22	565	2.9	141	J	5.0	-2	331	3.6	-2.0	-0.1	3	J
23	532	3.0	86	J	5.5	44	326	2.7	-1.7	3.2	3	J
24	510	3.3	53	J	6.0	30	328	4.1	-2.5	2.9	2	J

NOV. 16, 1988 (321)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	520	3.4	50	J	6.1	31	322	3.7	-2.7	3.0	2	J
2	515	4.0	63	J	6.2	40	343	4.0	-0.9	3.6	3	J
3	503	4.2	58	J	6.7	34	26	4.8	2.8	3.3	1	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16	505	6.5	760	J								
17	629	7.7	467	J								
18												
19												
20												
21												
22												
23												
24												

NOV. 20, 1988 (325)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23					2.9	-2	326	1.9	-1.3	-0.1	2	J
24	400	12.0	22	J	3.0	-9	326	2.0	-1.4	-0.4	2	J

NOV. 21, 1988 (326)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	396	8.8	5	J	4.0	-23	320	2.6	-2.2	-1.4	2	J
2	394	7.3	11	J	4.7	-26	323	2.9	-2.3	-1.6	2	J
3	378	8.2	12	J	5.7	1	302	2.6	-4.1	0.5	2	J
4	366	7.9	34	J	5.6	-15	330	3.4	-2.1	-0.7	4	J
5	362	4.4	24	J	6.5	-26	11	5.6	0.5	-3.0	1	J
6	360	4.1	9	J	6.7	-24	9	6.0	0.2	-2.9	0	J
7	358	3.9	11	J	6.3	-19	10	5.7	0.3	-2.2	2	J
8	358	3.6	15	J	6.1	-12	358	5.7	-0.6	-1.1	2	J
9	348	5.3	25	J	5.7	-5	332	4.7	-2.5	0.5	2	J
10	354	5.3	18	J	6.2	13	304	2.7	-3.2	2.6	4	J
11	399	9.2	288	J	6.4	28	268	-0.2	-3.9	5.0	1	J
12	362	4.4	26	J	5.8	14	306	3.1	-3.4	2.9	2	J
13	367	5.3	35	J	6.1	18	316	4.0	-2.9	3.1	2	J
14	365	4.7	30	J	5.8	-1	337	5.2	-2.1	0.7	1	J
15	372	5.8	40	J	6.3	13	308	3.6	-4.0	2.7	2	J
16	386	6.3	49	J	6.6	10	301	3.2	-5.0	2.4	2	J
17	380	6.2	50	J	6.6	6	304	3.6	-5.0	1.7	1	J
18												
19	410	7.4	34	J	6.6	47	186	-3.1	0.0	3.4	5	J
20	404	8.9	30	J	6.8	7	238	-2.7	-4.3	0.9	5	J
21	401	9.9	45	J	5.2	31	202	-1.4	-0.6	0.9	5	J
22	367	8.2	19	J	8.6	7	303	4.5	-6.9	1.0	2	J
23	367	7.9	11	J	8.7	15	290	2.7	-7.6	2.1	2	J
24	397	5.3	20	J								

88-11-22 - 88-12-03

NOV. 22, 1988 (327)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	386	4.8	16	J	8.8	44	266	-0.4	-6.2	6.1	2	J
2	386	4.1	14	J	8.8	28	278	1.1	-7.4	4.4	1	J
3	395	4.7	24	J	9.3	43	282	1.1	-4.7	5.4	6	J
4	391	4.9	26	J	10.1	14	280	1.7	-9.0	3.7	2	J
5	386	4.5	38	J	10.3	1	296	4.4	-8.8	2.0	1	J
6	385	3.9	28	J	9.3	-27	301	3.9	-7.4	-2.0	4	J
7	380	4.4	50	J	8.0	-56	354	4.3	-2.4	-5.9	2	J
8	377	4.7	54	J	8.0	-47	0	5.3	-2.0	-5.3	2	J
9	389	6.7	203	J	5.6	-23	354	4.5	-1.2	-1.6	3	J
10	397	4.8	98	J	6.2	33	255	-1.2	-2.8	4.4	3	J
11	397	4.2	75	J	7.1	32	286	1.6	-3.7	5.6	2	J
12	401	4.2	67	J	6.2	41	297	2.0	-2.1	5.1	2	J
13	391	3.0	55	J	6.2	23	298	1.1	-1.6	1.7	6	J
14					7.0	29	270	0.0	-4.6	5.2	2	J
15					7.0	34	274	0.4	-4.4	5.4	1	J
16					5.1	28	284	0.7	-2.5	2.3	4	J
17	370	5.5	67	J	5.7	52	38	2.4	2.6	3.5	3	J
18	351	4.7	60	J	6.1	22	34	4.5	3.3	1.8	1	J
19	348	5.0	63	J	5.9	12	35	4.6	3.4	0.9	1	J
20	357	6.0	60	J	5.8	39	331	2.9	-1.5	2.8	4	J
21	367	5.0	31	J	6.2	60	334	2.2	-1.0	4.3	4	J
22	346	5.1	22	J	6.8	14	313	4.4	-4.7	1.6	2	J
23	343	4.6	19	J	7.0	7	304	3.8	-5.6	0.7	1	J
24	353	3.4	29	J	7.1	17	297	3.1	-6.1	2.0	1	J

NOV. 23, 1988 (328)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					7.0	27	295	2.6	-5.6	3.2	0	J
2	358	4.7	38	J	6.6	14	297	2.7	-5.2	1.7	2	J
3	357	5.3	42	J	5.9	9	305	3.2	-4.5	1.3	2	J
4	371	4.2	75	J	6.0	-32	337	4.4	-2.2	-2.7	2	J
5	373	3.8	102	J	6.3	-38	325	4.1	-3.6	-3.2	1	J
6	381	3.6	129	J	5.8	-33	330	4.0	-3.0	-2.3	2	J
7	369	3.1	52	J	6.3	-15	325	4.9	-3.8	-0.5	2	J
8	367	3.1	69	J	6.0	-5	326	4.9	-3.3	0.7	1	J
9	364	3.2	44	J	6.5	-11	333	5.5	-3.1	-0.1	2	J
10	365	3.0	41	J	6.2	13	342	5.3	-1.1	1.9	2	J
11	373	3.4	69	J	6.4	29	348	5.0	0.1	3.1	3	J
12	364	3.2	68	J	6.4	18	344	5.7	-0.8	2.4	2	J
13	355	2.8	35	J	6.8	9	346	6.3	-1.1	1.5	1	J
14	357	2.9	42	J	6.9	16	349	6.4	-0.6	2.2	2	J
15	363	3.3	52	J	7.0	27	327	5.1	-2.3	3.9	1	J
16	362	2.5	34	J	7.2	20	329	5.7	-2.8	3.2	1	J
17	356	2.9	50	J	6.8	13	330	5.7	-2.9	2.1	1	J
18	349	2.7	53	J	7.0	4	332	6.1	-3.1	0.9	1	J
19	346	3.0	57	J	7.4	0	331	6.4	-3.5	0.3	1	J
20	345	2.9	45	J	7.6	-1	326	6.1	-4.1	0.1	1	J
21					7.9	3	323	6.2	-4.7	0.5	1	J
22					8.0	3	323	6.3	-4.8	0.4	1	J
23												
24												

NOV. 24, 1988 (329)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5	341	4.4	43	J	8.3	11	333	7.1	-3.2	2.2	2	J
6	342	4.8	45	J	8.6	2	338	7.2	-2.8	1.0	4	J
7	327	4.2	27	J	8.9	-13	330	7.4	-4.7	-0.6	2	J
8	332	5.5	27	J	8.8	2	321	6.4	-4.8	2.1	3	J
9	326	4.9	24	J	9.1	7	318	6.6	-5.1	3.2	1	J
10	315	4.6	12	J	9.2	8	316	6.5	-5.3	3.6	1	J
11	312	4.8	13	J	8.9	3	315	6.2	-5.5	2.8	1	J
12	320	4.2	8	J	9.3	-8	308	5.6	-7.1	1.5	1	J
13	323	4.0	7	J	10.9	3	311	7.1	-7.4	3.4	2	J
14	329	3.9	8	J	11.2	18	316	7.6	-5.8	5.6	1	J
15	325	3.8	6	J	11.1	8	313	7.4	-7.2	3.7	1	J
16	329	6.3	6	J	10.9	12	306	6.2	-7.8	4.2	2	J
17	330	7.4	7	J	10.5	14	303	5.5	-7.9	4.0	2	J
18	322	9.7	7	J	10.7	16	293	4.0	-8.9	4.1	1	J
19					10.8	20	283	2.3	-9.6	4.5	1	J
20					10.8	28	281	1.8	-9.1	5.4	1	J
21					11.0	35	275	0.8	-8.8	6.2	2	J
22	320	7.1	20	J	11.2	39	274	0.6	-8.7	6.8	1	J
23												
24												

NOV. 25, 1988 (330)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6	354	6.6	14	J	12.4	8	281	2.3	-11.3	4.6	1	J
7	354	6.4	15	J	12.9	0	283	2.8	-11.7	3.6	3	J
8	349	6.2	17	J	12.9	-2	284	3.0	-11.7	3.7	2	J
9	346	6.5	15	J	12.7	-2	290	4.3	-11.3	4.0	1	J
10	343	6.2	11	J	12.6	-12	291	4.4	-11.5	2.0	1	J
11	353	5.3	14	J	12.4	-8	285	3.2	-11.5	2.9	2	J
12	327	6.1	10	J	12.7	-1	298	5.9	-10.3	3.9	2	J
13	330	5.8	8	J	13.2	-3	301	6.7	-10.7	3.2	2	J
14	326	6.6	8	J	13.2	-15	292	4.6	-11.8	0.5	4	J
15	359	5.0	9	J	13.5	-8	283	3.0	-12.9	1.8	2	J
16	350	4.5	13	J	13.6	-11	283	3.0	-13.2	0.4	1	J
17	351	4.4	9	J	13.5	-8	283	2.9	-12.8	0.4	3	J
18	343	6.0	13	J	13.1	-16	279	1.9	-12.2	-2.0	4	J
19	343	5.8	15	J	12.7	-27	280	1.9	-11.0	-4.7	4	J
20	356	6.0	31	J	12.9	-39	276	1.0	-10.1	-7.7	2	J
21	348	7.3	70	J	12.1	-36	300	4.7	-8.2	-6.9	3	J
22	329	8.0	67	J	12.0	-12	316	8.2	-7.9	-2.6	2	J
23	348	8.9	60	J	12.0	-31	295	4.2	-8.9	-6.4	3	J
24												

NOV. 26, 1988 (331)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9	465	7.9	83	J	9.1	-29	158	-7.1	1.1	-5.0	3	J
10	473	7.6	104	J	8.5	-27	166	-6.7	0.2	-3.9	4	J
11	484	6.5	83	J	8.1	-24	146	-6.0	2.5	-4.5	2	J
12	479	6.5	96	J	7.8	-32	163	-6.1	0.3	-4.4	2	J
13	487	6.0	75	J	7.0	-25	149	-5.0	1.9	-3.6	3	J
14	485	5.8	70	J	6.9	-26	149	-5.1	2.0	-3.7	2	J
15	475	5.8	78	J	6.9	-15	153	-5.8	2.4	-2.5	2	J
16	451	8.7	152	J	6.4	-24	152	-5.0	2.0	-3.0	1	J
17	460	7.4	53	J	6.4	-7	158	-5.4	2.0	-1.1	3	J
18	451	7.6	47	J	6.4	0	147	-5.0	3.2	-0.4	2	J
19	448	7.1	39	J	7.1	-11	146	-5.8	3.8	-1.6	1	J
20	458	7.8	41	J	7.1	18	122	-3.5	5.7	2.0	1	J
21	462	8.0	33	J	7.4	32	107	-1.7	5.6	3.7	3	J
22	446	8.4	82	J	6.5	17	95	-0.3	2.9	1.0	6	J
23	435	7.5	86	J	7.2	7	128	-4.2	5.4	1.1	2	J
24	442	7.7	83	J	7.7	-2	128	-4.7	6.0	0.0	1	J

NOV. 27, 1988 (332)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	439	7.4	68	J	7.8	-6	136	-5.4	5.3	-0.7	2	J
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	471	7.7	144	J	6.2	-9	175	-5.6	0.1	-1.0	2	J
13	479	7.6	146	J	5.6	-6	154	-4.6	1.9	-1.3	2	J
14	478	7.2	145	J	5.5	-5	153	-4.7	2.1	-1.2	2	J
15	484	7.0	122	J	4.7	24	150	-1.3	0.9	0.5	4	J
16	491	6.3	105	J	5.7	27	108	-1.4	4.8	1.4	2	J
17	483	6.1	106	J	6.0	2	133	-3.7	3.9	-0.5	3	J
18	485	4.9	95	J	5.4	-10	112	-1.9	4.5	-1.4	2	J
19	485	4.6	97	J	4.5	-13	129	-2.3	2.8	-1.0	2	J
20	483	4.5	93	J	4.3	-7	139	-2.8	2.5	-0.5	2	J
21	481	3.9	74	J	4.2	-6	147	-3.3	2.2	-0.4	1	J
22	481	3.0	59	J	4.2	5	153	-3.7	1.9	0.4	1	J
23	457	2.8	56	J	3.5	8	171	-2.6	0.4	0.4	2	J
24	402	4.2	70	J	3.5	11	168	-3.1	0.6	0.6	2	J

NOV. 28, 1988 (333)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	404	3.5	38	J	3.9	4	155	-3.4	1.6	0.3	1	J
2	413	3.6	25	J	3.5	-79	59	0.2	0.4	-2.2	3	J
3	403	3.3	28	J	3.5	14	139	-2.6	2.3	0.7	0	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	401	8.9	22	J	5.6	75	135	-0.9	2.1	4.4	2	J
16	406	10.5	23	J	6.4	57	104	-0.8	4.0	4.1	3	J
17	397	10.2	22	J	6.8	3	110	-2.2	6.0	-0.6	2	J
18	394	9.8	23	J	6.3	-5	105	-1.4	5.3	-1.0	3	J
19	386	7.6	19	J	6.5	-32	109	-1.8	4.9	-3.7	1	J
20	388	7.2	13	J	6.9	-32	96	-0.6	5.7	-3.7	1	J
21												
22												
23												
24												

DEC. 3, 1988 (338)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	494	3.8	109	J	7.6	12	143	-4.8	3.8	0.3	4	J
15	503	3.7	82	J								
16	496	3.3	73	J	6.6	8	145	-4.9	3.5	0.2	2	J
17												
18												
19												
20												
21												
22												
23	513	3.1	141	J	7.0	11	129	-3.8	4.6	1.6	3	J
24	512	3.0	115	J	6.5	15	146	-4.2	2.7	1.6	4	J

DEC. 4, 1988 (339)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					6.7	-14	157	-4.5	2.0	-1.1	4	J
2	524	3.2	120	J	6.2	-39	184	-3.0	-0.1	-2.5	5	J
3	505	3.3	91	J	6.2	-47	194	-3.6	-0.9	-3.9	3	J
4	502	3.2	77	J	5.8	-44	182	-3.5	-0.3	-3.3	3	J
5	496	2.9	106	J	5.7	-34	157	-3.7	1.2	-2.8	3	J
6	468	2.8	75	J	5.6	-13	174	-5.0	0.3	-1.2	2	J
7	464	3.1	91	J	5.4	-16	172	-4.9	0.3	-1.6	2	J
8	469	3.1	87	J	5.2	-24	171	-4.3	0.1	-2.1	2	J
9	485	3.3	93	J	4.9	-51	146	-2.0	0.4	-3.3	3	J
10	473	3.4	107	J	4.8	-51	175	-2.9	-0.9	-3.5	2	J
11	453	2.9	67	J	4.7	-25	166	-3.8	0.3	-2.0	2	J
12					4.8	-19	148	-3.5	1.6	-2.1	2	J
13					5.0	-15	166	-4.5	0.7	-1.5	2	J
14					4.3	-10	157	-2.8	1.0	-0.8	3	J
15	437	2.9	159	J	3.9	-14	159	-3.4	1.1	-1.2	1	J
16	446	2.8	101	J	3.6	-46	146	-1.6	0.7	-2.2	2	J
17	465	3.1	81	J	3.7	-4	66	1.0	2.2	-0.4	3	J
18	418	2.7	154	J	3.6	14	160	-3.3	1.2	0.8	1	J
19												
20												
21												
22												
23												
24												

DEC. 5, 1988 (340)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	393	3.7	74	J	4.1	14	133	-2.6	2.7	1.2	1	J
2	407	3.5	42	J	4.2	8	100	-0.6	3.6	0.7	2	J
3	406	3.4	27	J	4.5	7	80	0.7	4.2	0.5	2	J
4	389	3.9	65	J	4.1	-1	112	-1.2	2.9	-0.2	3	J
5					4.1	13	135	-2.5	2.6	0.5	2	J
6					3.6	7	137	-2.3	2.2	0.0	1	J
7					3.8	22	134	-2.3	2.6	0.7	2	J
8					3.7	32	116	-1.1	2.5	0.9	2	J
9	409	4.0	32	J	3.9	12	59	1.9	3.2	-0.2	1	J
10	395	4.3	30	J	4.1	22	74	1.0	3.8	0.3	1	J
11	411	4.7	24	J	4.6	13	43	3.2	3.2	0.0	1	J
12	409	4.6	31	J	4.6	18	54	2.3	3.5	0.2	2	J
13	409	4.9	61	J	4.1	14	45	2.2	2.3	0.1	3	J
14	402	4.6	27	J	4.8	18	47	2.9	3.3	0.5	2	J
15	406	4.4	27	J	4.7	10	60	2.3	4.0	0.0	1	J
16	385	4.6	28	J	4.7	-9	98	-0.5	3.5	-1.2	3	J
17	388	4.6	35	J	4.4	14	81	0.6	3.9	0.5	2	J
18					4.3	-21	100	-0.7	3.8	-1.7	1	J
19					4.4	-16	83	0.4	3.0	-0.9	3	J
20												
21	378	3.2	35	J	4.3	-30	124	-1.8	2.9	-1.7	2	J
22	375	3.3	28	J	4.3	5	110	-1.2	3.2	0.6	3	J
23	364	3.4	35	J	4.5	-32	137	-2.7	2.8	-2.0	1	J
24												

DEC. 6, 1988 (341)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3					4.2	-30	126	-2.0	2.8	-2.0	1	J
4					4.3	-11	119	-2.0	3.6	-1.0	1	J
5	370	4.1	24	J	4.3	-25	113	-1.4	3.1	-2.0	2	J
6	357	4.5	55	J	4.1	-20	132	-2.2	2.2	-1.6	2	J
7	340	5.5	106	J	4.1	5	143	-2.9	2.2	-0.2	2	J
8												
9	375	4.9	26	J	4.8	0	95	-0.4	4.2	-1.3	2	J
10	386	4.8	28	J	4.8	10	76	1.0	3.8	-0.5	3	J
11	356	5.1	38	J	4.8	21	115	-1.7	3.9	0.3	2	J
12	361	5.2	30	J	4.3	-4	107	-1.2	3.6	-1.4	2	J
13					4.2	7	147	-3.2	2.2	-0.1	2	J
14					4.4	9	127	-2.4	3.3	-0.2	2	J
15					4.4	-1	126	-2.4	3.2	-0.7	2	J
16	348	5.3	30	J	4.4	4	114	-1.6	3.6	-0.3	2	J
17	337	4.9	20	J	4.5	20	134	-2.7	2.9	1.1	2	J
18	352	5.1	20	J	4.7	19	113	-1.4	3.3	1.0	3	J
19	356	5.1	21	J	4.7	-5	94	-0.3	4.2	-0.4	2	J
20	354	5.1	20	J	4.7	-6	92	-0.2	4.5	-0.3	2	J
21	355	5.0	20	J	4.6	2	93	-0.2	4.5	0.5	1	J
22												
23												
24												

DEC. 7, 1988 (342)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5					5.3	-7	143	-4.1	3.0	-0.9	1	J
6					5.2	-6	141	-3.9	3.0	-1.0	1	J
7	314	5.7	36	J	5.1	1	138	-3.6	3.2	-0.6	1	J
8												
9												
10												
11	322	5.4	13	J	4.8	-7	118	-2.2	3.7	-1.8	1	J
12	307	5.7	19	J	4.7	0	130	-2.8	3.2	-1.0	2	J
13	300	5.0	8	J	4.9	-6	155	-4.3	1.8	-1.0	1	J
14	309	5.6	13	J	4.8	-5	134	-2.8	2.7	-1.0	3	J
15	314	6.5	17	J	5.0	-5	118	-2.1	3.8	-1.2	2	J
16	312	6.5	19	J	5.0	-47	144	-2.6	1.4	-3.7	2	J
17	316	6.7	15	J	4.9	23	123	-1.7	2.7	1.1	4	J
18	310	7.0	14	J	5.1	36	132	-2.7	3.1	2.8	1	J
19	307	7.3	17	J	5.1	9	124	-2.7	3.9	0.8	2	J
20	318	7.5	13	J	5.0	9	99	-0.6	3.9	0.8	3	J
21	327	8.2	9	J	5.1	12	78	1.0	4.4	1.4	2	J
22	321	8.8	10	J	5.1	-9	86	0.3	4.8	-0.2	2	J
23												
24												

DEC. 8, 1988 (343)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7	299	9.1	9	J	5.4	6	133	-3.7	4.0	-0.2	0	J
8	296	9.4	10	J	5.5	7	133	-3.7	4.0	-0.3	1	J
9	296	10.9	9	J	5.5	6	137	-4.0	3.7	-0.5	1	J
10	298	12.7	12	J	5.3	3	145	-3.4	2.4	-0.5	3	J
11	304	12.7	9	J	6.3	57	163	-3.2	2.5	4.6	2	J
12	300	13.3	11	J	5.7	24	200	-3.4	-0.7	1.9	4	J
13	303	13.0	6	J	6.7	35	133	-3.4	4.4	2.4	3	J
14	304	15.4	11	J	6.0	-4	105	-1.4	5.2	-1.6	2	J
15	306	14.1	7	J	5.8	-3	98	-0.8	5.4	-1.3	2	J
16	312	15.1	8	J	5.9	-22	73	1.5	4.7	-2.8	1	J
17	293	11.0	11	J	6.3	2	118	-2.0	3.8	-0.2	5	J
18	301	16.8	12	J	4.8	21	191	-4.0	-0.7	1.6	2	J
19	299	18.8	11	J	5.4	11	198	-4.8	-1.6	0.9	2	J
20	298	21.4	10	J	4.9	-1	201	-4.5	-1.7	-0.2	1	J
21	298	20.6	11	J	4.5	-20	208	-3.5	-1.7	-1.6	1	J
22	298	20.4	8	J	4.2	-28	244	-1.6	-3.1	-2.4	1	J
23	304	22.4	9	J	3.1	-40	249	-0.7	-1.7	-2.0	2	J
24	304	22.7	12	J	3.1	-33	268	-0.1	-2.3	-1.9	1	J

DEC. 9, 1988 (344)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	304	21.4	8	J	3.9	-28	288	1.0	-3.0	-2.1	1	J
2	301	18.8	7	J	4.4	0	297	2.0	-3.8	-0.3	1	J
3	300	14.8	4	J	5.2	17	299	2.4	-4.4	1.4	1	J
4	302	13.7	8	J	5.5	38	299	2.0	-3.5	3.3	2	J
5	294	10.1	15	J	6.8	43	303	2.7	-3.7	4.9	2	J
6	296	8.7	10	J	7.9	23	282	1.4	-6.3	3.9	2	J
7	298	8.1	11	J	7.1	8	282	1.4	-6.3	2.2	2	J
8					6.0	16	296	2.5	-4.6	2.9	0	J
9												
10	296	12.1	19	J	4.3	-16	294	1.6	-3.9	0.0	1	J
11	297	11.8	22	J	4.0	1	305	2.2	-3.0	1.0	1	J
12	290	11.5	32	J	4.7	29	1	3.6	0.6	1.9	2	J
13	291	12.0	21	J	5.5	29	39	3.7	3.5	1.8	1	J
14	288	13.0	35	J	5.8	18	30	4.5	2.9	1.1	2	J
15	285	12.0	29	J	6.0	13	33	4.2	2.9	0.7	3	J
16	282	11.6	35	J	5.8	0	32	4.6	2.8	-0.4	2	J
17	290	12.3	35	J	5.6	-30	18	4.0	1.1	-2.5	3	J
18	300	13.0	10	J	6.5	-8	79	1.1	5.8	-1.0	3	J
19	301	12.9	7	J	6.7	-14	79	1.2	6.2	-1.4	2	J
20	297	13.5	12	J	6.8	-3	84	0.7	6.3	0.1	3	J
21	296	14.1	18	J	5.6	-11	31	4.4	2.7	-0.7	2	J
22	302	16.7	26	J	6.7	22	36	4.7	3.1	2.7	3	J
23	318	24.3	29	J	9.3	25	48	5.1	5.1	4.3	4	J
24	341	37.2	49	J	14.0	19	67	4.7	10.3	5.6	6	J

DEC. 10, 1988 (345)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	344	46.9	44	J	13.2	19	69	4.3	10.6	5.5	4	J
2	344	48.0	46	J	10.3	32	69	3.0	7.3	5.9	3	J
3	339	44.6	35	J	10.1	36	71	2.6	7.3	6.2	2	J
4	330	32.9	40	J	12.0	36	52	5.7	7.3	6.6	4	J
5	328	31.2	39	J	12.1	23	49	6.8	8.1	3.8	5	J
6	325	31.3	37	J	11.4	-3	57	5.8	8.8	-1.7	4	J
7	322	25.8	52	J	11.4	52	41	4.8	5.6	7.2	5	J
8	316	24.9	50	J	9.7	-15	59	4.7	7.0	-4.2	2	J
9												
10												
11												
12												
13	289	16.1	45	J	8.1	-38	31	5.4	1.9	-5.6	1	J
14	286	15.9	43	J	8.3	-23	31	6.2	3.0	-3.8	2	J
15	289	15.8	38	J	8.0	-60	359	3.9	-1.2	-6.6	2	J
16	282	13.2	35	J	7.9	-60	334	3.5	-2.5	-6.4	2	J
17	279	14.5	37	J	6.6	-52	360	3.6	-0.3	-4.6	3	J
18	296	13.8	22	J	5.9	-4	233	-2.5	-3.4	-0.2	4	J
19	280	9.9	25	J	5.4	54	349	2.2	-0.5	3.1	4	J
20	279	9.3	36	J	5.6	14	14	5.0	1.1	1.4	2	J
21	283	9.5	35	J	5.1	21	350	4.5	-1.0	1.7	1	J
22	285	8.0	28	J	4.7	-5	357	4.4	-0.2	-0.4	1	J
23	282	8.2	30	J	4.2	-1	348	3.8	-0.8	-0.2	1	J
24	283	8.7	30	J	4.5	12	344	4.0	-1.3	0.7	2	J

DEC. 11, 1988 (346)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	286	8.1	24	J	4.3	22	323	2.8	-2.3	1.1	2	J
2	315	17.1	33	J	5.4	30	298	1.9	-3.7	1.9	3	J
3	333	30.1	45	J	7.4	3	241	-2.9	-5.2	0.0	5	J
4	342	34.8	61	J	11.4	27	306	4.7	-6.5	4.1	8	J
5	334	27.5	46	J	13.3	30	313	7.5	-7.6	6.8	4	J
6	340	25.8	83	J	11.5	7	307	6.3	-8.2	2.3	5	J
7	358	26.5	63	J	12.2	-22	279	1.5	-9.8	-2.1	7	J
8	358	23.6	19	J	14.8	11	289	4.6	-12.3	5.7	4	J
9												
10												
11												
12												
13												
14												
15												
16												
17												
18					10.9	22	138	-7.4	6.8	4.0	1	J
19					14.6	15	135	-9.6	9.5	4.0	5	J
20					14.6	56	164	-2.2	0.4	3.4	14	J
21												
22												
23												
24												

88-12-16 - 88-12-23

DEC. 16, 1988 (351)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	609	4.2	113	J	8.4	-57	191	-4.1	-1.9	-6.2	4	J
15	657	7.1	177	J	8.5	-37	171	-6.3	0.4	-4.9	3	J
16	656	6.7	151	J	9.3	-70	215	-1.8	-1.8	-6.0	7	J
17												
18												
19												
20												
21	559	7.5	441	J	10.1	-31	277	1.0	-7.1	-6.0	4	J
22	524	7.0	339	J	10.2	25	303	4.7	-7.8	2.7	3	J
23												
24	534	9.5	144	J	8.9	53	329	3.2	-2.9	4.6	6	J

DEC. 17, 1988 (352)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	535	9.8	87	J	9.8	34	322	5.9	-5.5	4.2	4	J
2	529	13.8	48	J	7.5	44	345	4.7	-1.9	4.4	3	J
3	522	7.4	75	J	7.9	45	335	4.9	-2.8	5.2	2	J
4	507	5.7	80	J	7.2	27	7	6.2	0.6	3.2	2	J
5	506	5.1	94	J	6.1	-12	357	5.6	-0.3	-1.2	2	J
6	500	3.6	47	J	5.3	3	304	2.5	-3.7	0.5	3	J
7	507	3.9	50	J	5.2	-75	112	-0.4	0.5	-4.6	3	J
8	508	4.7	67	J	5.7	-60	64	1.1	1.4	-4.6	3	J
9	520	5.1	61	J	6.8	-72	77	0.5	0.6	-6.5	2	J
10	548	5.4	65	J	7.7	-66	120	-1.5	1.0	-7.2	2	J
11	541	5.8	59	J	7.8	-59	88	0.1	2.1	-6.8	3	J
12	552	6.7	72	J	7.4	-65	128	-1.5	0.7	-5.6	5	J
13	545	8.7	73	J	6.7	2	257	-1.3	-5.5	1.3	3	J
14	536	7.2	68	J	7.9	32	267	-0.3	-5.7	5.1	1	J
15	531	6.2	61	J	8.3	38	282	1.3	-5.6	5.7	1	J
16	532	4.7	46	J	8.6	37	290	2.3	-5.8	5.4	2	J
17	518	5.5	42	J	8.5	43	319	4.5	-3.8	5.7	2	J
18	514	5.1	36	J	9.0	56	27	4.4	2.0	7.4	2	J
19												
20												
21												
22												
23												
24												

DEC. 18, 1988 (353)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	815	3.6	700	J	18.7	50	305	6.7	-12.0	11.9	4	J
2	829	5.4	776	J	14.6	1	288	2.8	-8.5	-1.2	12	J
3	810	2.8	440	J	14.9	6	277	1.6	-12.9	-0.1	7	J
4	751	2.4	438	J	13.0	26	303	6.1	-9.6	4.9	4	J
5	833	2.5	282	J	11.8	55	277	0.8	-6.4	9.3	4	J
6	829	3.4	261	J	11.3	43	240	-3.5	-5.7	7.0	6	J
7	768	5.5	114	J	10.1	50	288	1.7	-4.3	7.0	6	J
8	786	6.9	90	J	8.5	53	163	-4.6	2.5	6.1	3	J
9	792	6.2	113	J	7.4	29	160	-6.0	2.9	3.0	1	J
10	787	6.6	96	J	6.6	37	155	-4.6	3.0	3.3	2	J
11	783	6.8	77	J	6.2	23	143	-4.3	3.7	1.5	2	J
12	765	4.7	75	J	6.6	-62	107	-0.6	1.1	-4.3	5	J
13	737	3.2	52	J	5.6	-11	256	-1.2	-5.0	0.0	2	J
14	724	3.2	54	J	5.8	12	242	-2.6	-4.7	2.0	1	J
15	712	3.1	72	J	5.7	5	250	-1.9	-5.1	1.1	1	J
16	719	2.8	74	J	6.1	2	247	-2.3	-5.4	0.6	2	J
17	723	2.9	75	J	5.8	0	255	-1.4	-5.4	0.1	1	J
18	709	3.9	91	J	5.4	2	250	-1.8	-5.0	0.0	1	J
19	694	4.9	84	J	5.5	-4	242	-2.5	-4.7	-0.8	1	J
20	690	5.0	57	J	5.4	-6	238	-2.6	-4.1	-1.1	2	J
21												
22												
23					7.0	-37	231	-3.5	-3.3	-5.0	1	J
24	618	7.5	30	J	6.0	-60	260	-0.5	-1.7	-5.3	2	J

DEC. 19, 1988 (354)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					5.4	-48	233	-2.1	-2.0	-4.3	1	J
2					3.7	-39	209	-2.4	-1.0	-2.5	1	J
3					2.8	-9	211	-2.0	-1.2	-0.5	1	J
4	603	13.5	21	J	4.9	-36	222	-2.3	-1.9	-2.4	3	J
5	593	8.6	35	J	7.0	25	197	-5.9	-1.8	2.9	2	J
6	584	4.9	35	J	7.5	-39	247	-2.1	-5.2	-4.0	3	J
7	590	3.1	37	J	7.5	-42	252	-1.7	-5.9	-4.4	1	J
8	597	4.2	59	J	6.9	-30	230	-3.2	-4.3	-2.2	4	J
9	559	3.6	40	J	6.9	-60	299	1.6	-4.0	-5.1	2	J
10	529	6.1	24	J	6.4	-57	292	1.2	-4.1	-4.3	2	J
11	520	5.4	57	J	6.6	13	197	-5.7	-1.4	1.7	3	J
12	507	6.1	79	J	6.3	37	202	-4.6	-1.0	4.0	1	J
13	511	6.1	59	J	5.7	39	207	-3.9	-1.3	3.8	1	J
14	494	7.6	17	J	5.0	26	213	-3.7	-2.0	2.5	1	J
15	493	10.3	20	J	3.7	-60	23	1.6	0.3	-3.1	1	J
16	492	8.8	9	J	4.2	-56	14	2.2	0.3	-3.3	1	J
17	482	10.3	17	J	3.4	-45	20	2.2	0.8	-2.3	1	J
18	480	9.8	15	J	3.3	-45	11	2.2	0.5	-2.2	1	J
19	480	8.2	17	J	3.7	-50	3	2.2	0.4	-2.7	1	J
20	475	7.1	22	J	4.4	24	15	3.3	0.7	1.6	2	J
21	468	7.6	29	J	4.5	4	24	3.9	1.7	0.6	1	J
22	476	6.2	21	J	5.0	60	19	2.1	-0.1	4.0	2	J
23	462	4.5	30	J	4.5	12	11	3.0	0.4	0.8	3	J
24	457	3.3	44	J	5.1	-41	34	3.0	2.7	-2.6	2	J

DEC. 20, 1988 (355)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					5.0	-27	47	2.9	3.5	-1.5	1	J
2					4.4	-5	28	3.4	1.9	0.0	2	J
3					4.4	13	12	2.7	0.5	0.7	3	J
4												
5												
6	460	2.3	48	J	4.3	-30	301	1.6	-2.8	-1.7	2	J
7	466	2.8	32	J	5.0	12	294	1.6	-3.5	1.2	3	J
8	461	5.6	35	J	5.4	45	313	2.0	-1.6	3.2	4	J
9					5.3	65	349	2.1	0.5	4.6	2	J
10	472	3.7	24	J	5.0	51	275	0.2	-1.9	3.8	3	J
11	438	3.7	10	J	5.2	38	349	3.7	-0.1	3.0	2	J
12					5.5	73	335	1.4	0.4	5.1	1	J
13	443	3.3	14	J	5.3	64	323	1.7	-0.5	4.5	2	J
14	445	3.0	7	J	5.5	72	1	1.7	0.8	5.1	1	J
15	458	1.6	45	J	5.5	52	340	2.5	-0.6	3.5	3	J
16					5.9	-5	330	5.1	-3.0	-0.4	1	J
17					6.7	-16	328	5.4	-3.4	-1.8	1	J
18					7.7	-4	319	5.7	-4.9	-0.8	1	J
19					8.3	1	319	6.0	-5.2	-0.4	3	J
20	471	5.0	67	J	7.3	-19	311	4.1	-4.3	-2.8	4	J
21	475	5.5	84	J	5.9	31	38	3.6	2.2	3.2	3	J
22	455	4.8	71	J	5.0	19	358	4.3	-0.5	1.4	2	J
23	450	4.7	69	J	5.0	-11	3	4.4	0.4	-0.8	2	J
24	446	4.6	67	J	5.3	-15	336	4.6	-1.7	-1.8	1	J

DEC. 21, 1988 (356)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	437	4.2	71	J	5.1	4	353	4.9	-0.7	0.2	1	J
2	441	4.8	100	J	5.2	15	351	4.3	-0.9	1.0	3	J
3	479	4.7	47	J	5.4	-53	257	-0.6	-2.2	-4.1	3	J
4	494	4.8	43	J	5.8	-57	180	-2.8	0.3	-4.3	3	J
5	476	5.2	49	J	5.6	-49	117	-1.6	3.3	-4.1	1	J
6												
7												
8												
9	434	4.4	31	J	6.5	-81	344	0.9	-1.4	-5.9	2	J
10	444	4.3	23	J	6.3	-51	81	0.6	2.6	-5.0	3	J
11	430	4.4	33	J	5.8	-8	60	2.0	3.3	-1.3	4	J
12	444	5.2	30	J	6.0	13	74	1.1	3.9	0.2	4	J
13	421	5.9	39	J	7.5	48	14	4.6	2.0	5.0	3	J
14	447	9.2	52	J	10.0	68	345	3.5	0.3	9.1	2	J
15	420	8.4	121	J	8.4	2	325	6.1	-4.2	0.7	4	J
16	448	8.5	114	J	8.0	22	313	4.4	-4.6	2.8	4	J
17	481	8.5	131	J	7.0	53	283	0.7	-3.3	4.4	4	J
18	489	8.5	165	J	6.4	82	86	0.0	0.4	5.0	4	J
19	491	9.1	139	J	6.4	46	115	-1.4	2.6	3.7	4	J
20	457	8.7	240	J	5.2	11	13	2.9	0.6	0.7	4	J
21	460	7.9	122	J	6.2	40	30	3.0	1.1	3.2	4	J
22	457	7.9	78	J	7.3	58	33	3.0	0.7	6.0	3	J
23	408	12.2	345	J	7.6	27	2	6.5	-0.5	3.3	2	J
24	445	10.4	134	J	8.7	23	318	5.5	-5.6	1.9	3	J

DEC. 22, 1988 (357)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	445	6.3	47	J	8.0	31	309	3.9	-4.0	4.5	4	J
13	457	6.8	37	J	8.5	50	309	3.2	-2.9	6.7	3	J
14	455	7.0	25	J	8.5	33	299	3.3	-5.4	5.2	2	J
15	453	8.6	26	J	8.2	24	301	3.7	-5.8	3.7	3	J
16	455	7.6	26	J	8.1	11	298	3.6	-6.8	1.8	2	J
17	456	12.7	33	J	6.2	36	295	0.9	-1.9	1.4	6	J
18	449	6.0	17	J	7.9	-30	115	-2.8	6.3	-3.4	2	J
19	425	6.0	48	J	7.7	-32	139	-4.8	4.6	-3.5	2	J
20	401	6.7	81	J	7.6	-26	167	-6.6	2.0	-3.0	1	J
21	394	7.9	162	J	6.9	-28	159	-5.6	2.7	-2.7	1	J
22	423	4.0	91	J	6.9	-23	154	-5.5	3.2	-1.9	2	J
23	408	2.8	58	J	7.0	-14	135	-4.7	5.0	-0.5	1	J
24	424	2.5	34	J	6.5	-6	126	-3.7	5.2	0.6	1	J

DEC. 23, 1988 (358)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	415	4.2	43	J	6.0	-8	121	-3.1	5.2	0.3	1	J
2	425	3.2	40	J	5.9	3	131	-3.8	4.2	1.1	1	J
3	403	4.2	19	J	5.0	0	125	-2.7	3.8	0.6	2	J
4	402	4.2	18	J	5.2	-2	114	-2.0	4.6	0.3	1	J
5	407	4.4	10	J	5.2	15	111	-1.8	4.6	1.5	1	J
6												
7												
8												
9												
10												
11												
12												
13												
14					4.2	72	65	0.5	1.7	3.8	1	J
15	390	5.0	14	J	4.2	51	133	-1.7	2.0	2.9	1	J
16					4.3	18	145	-3.3	2.4	1.3	1	J
17	376	4.5	23	J	4.2	10	147	-3.4	2.2	0.8	1	J
18	379	5.3	26	J	4.0	17	154	-3.4	1.5	1.3	1	J
19	383	8.0	19	J	5.5	56	165	-2.8	0.2	4.4	2	J
20	376	7.6	29	J	6.2	5	127	-3.5	4.5	1.3	2	J
21	377	3.8	36	J	6.8	3	131	-4.4	4.9	1.4	1	J
22	374	6.4	23	J	7.1	1	120	-3.5	5.9	1.5	1	J
23	373	7.6	28	J	7.7	-1	118	-3.6	6.6	1.5	1	J
24	363	6.7	16	J	7.8	-5	122	-4.1	6.5	0.9	1	J

88-12-24 - 89-01-04

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
DEC. 24, 1988 (359)												
1					7.5	-4	130	-4.8	5.7	0.8	1	J
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
DEC. 29, 1988 (364)												
1												
2												
3												
4												
5												
6	555	2.9	189	J								
7	571	2.0	162	J								
8	623	1.7	116	J								
9												
10	704	1.8	194	J								
11	645	1.7	134	J								
12	671	1.8	204	J	8.7	26	145	-5.2	4.0	2.6	5	J
13	661	1.8	139	J	8.3	-12	152	-6.3	3.2	-1.9	4	J
14	713	2.0	192	J	7.9	26	161	-5.8	2.2	2.8	4	J
15	698	1.8	121	J	7.5	24	159	-5.8	2.3	2.7	3	J
16	717	1.5	146	J	7.4	33	133	-4.1	4.3	3.9	2	J
17	706	1.5	135	J	7.1	33	136	-4.2	3.8	4.1	1	J
18												
19												
20												
21	727	1.2	187	J	5.6	-7	202	-4.6	-1.6	-1.1	2	J
22	713	1.3	196	J	5.2	-2	214	-3.9	-2.5	-0.9	2	J
23					4.4	20	165	-3.8	0.6	1.7	1	J
24	675	0.9	67	J	5.0	-1	151	-2.5	1.4	0.4	4	J
DEC. 30, 1988 (365)												
1	670	0.9	123	J	5.0	2	141	-3.0	2.3	0.8	3	J
2					4.8	2	183	-4.6	-0.3	0.1	2	J
3	684	1.2	97	J	5.1	11	173	-4.8	0.4	1.0	1	J
4					5.2	-10	171	-4.7	0.9	-0.7	2	J
5	666	1.1	95	J	5.0	-4	154	-4.2	2.1	-0.1	2	J
6					4.9	22	95	-0.4	4.1	1.8	2	J
7	694	1.0	132	J	4.9	19	84	0.4	4.2	1.3	2	J
8	687	1.4	126	J	5.8	44	49	2.5	3.2	3.5	2	J
9	669	1.1	116	J	5.4	0	89	0.1	4.6	-0.5	3	J
10	648	1.3	112	J	5.6	-9	102	-1.0	4.4	-1.3	3	J
11	669	1.7	83	J	5.9	4	88	0.2	5.0	-0.3	3	J
12	667	2.1	80	J	6.0	33	58	2.2	3.8	2.2	3	J
13	666	2.5	55	J	5.8	30	72	1.5	4.8	2.3	2	J
14	668	2.4	44	J	5.7	19	73	1.5	5.0	1.4	2	J
15					5.4	9	80	0.9	5.0	0.7	2	J
16	640	6.5	240	J	5.5	8	78	1.0	4.6	0.8	3	J
17	552	8.3	188	J	4.2	10	81	0.6	3.8	1.0	1	J
18	602	5.8	49	J	4.1	-2	69	1.3	3.3	0.3	2	J
19	613	3.6	31	J	4.8	-27	62	1.8	3.8	-1.4	2	J
20												
21												
22												
23					6.2	0	112	-2.3	5.4	1.7	1	J
24					6.5	1	123	-3.5	5.1	1.7	1	J
DEC. 31, 1988 (366)												
1												
2	568	6.2	60	J	7.4	-13	114	-2.9	6.7	0.1	1	J
3	543	3.3	19	J	7.5	-3	124	-4.1	6.0	0.9	1	J
4	527	4.4	35	J	7.6	5	137	-5.3	4.8	1.4	2	J
5	509	5.3	47	J	8.2	-10	144	-6.3	4.7	-0.9	2	J
6	487	5.3	30	J	8.1	-2	157	-7.2	3.1	-0.2	2	J
7	501	4.6	48	J	8.2	-4	149	-6.7	4.0	-0.6	2	J
8	496	4.3	37	J	8.0	-6	156	-7.1	3.1	-1.0	2	J
9	491	9.0	46	J	6.7	-23	146	-3.9	2.4	-2.3	5	J
10	493	8.6	21	J	7.8	31	320	5.0	-3.7	4.4	2	J
11	475	6.7	48	J	6.7	-5	251	-1.0	-3.0	0.1	6	J
12	484	3.1	30	J	8.2	-31	185	-6.9	-1.1	-4.1	1	J
13	486	2.9	20	J	8.4	-30	207	-6.5	-3.7	-3.9	1	J
14	489	1.9	19	J	8.4	-34	209	-6.0	-3.6	-4.4	1	J
15	502	2.0	37	J	7.7	-33	205	-5.8	-2.8	-4.1	1	J
16	517	1.8	79	J	7.3	-27	241	-3.1	-5.4	-3.4	2	J
17	503	1.6	47	J	7.4	-35	216	-4.4	-2.9	-4.0	3	J
18	481	1.8	30	J	7.4	-26	226	-4.4	-4.1	-3.7	2	J
19	472	2.1	36	J	7.2	-33	232	-3.7	-3.9	-4.7	2	J
20					7.1	-39	223	-4.0	-2.7	-5.2	1	J
21												
22												
23												
24												
JAN. 1, 1989 (001)												
1												
2												
3												
4					7.4	-33	190	-5.7	-0.4	-3.9	2	J
5	403	3.2	38	J	7.5	-27	182	-6.4	0.1	-3.3	2	J
6	441	3.4	46	J	7.6	-42	231	-3.3	-3.9	-4.8	3	J
7	440	3.2	39	J	7.5	-38	230	-3.7	-4.5	-4.4	2	J
8	424	3.0	30	J	7.1	-33	220	-4.5	-4.0	-3.6	1	J
9	438	3.4	41	J	6.5	-44	230	-2.8	-3.8	-3.9	2	J
10	446	4.0	52	J	6.3	-52	234	-2.0	-3.2	-3.9	3	J
11	426	4.1	65	J	5.9	-27	192	-3.9	-1.1	-1.9	4	J
12	435	3.7	47	J	5.9	-44	224	-2.8	-3.2	-3.5	2	J
13	460	4.2	34	J	5.8	-57	178	-2.3	-0.3	-3.5	4	J
14	439	4.1	50	J	6.0	-62	202	-2.2	-1.2	-4.4	3	J
15	434	4.3	59	J	6.0	-59	155	-2.4	1.0	-4.4	3	J
16	427	5.0	58	J	6.2	-23	134	-3.4	3.6	-2.0	3	J
17	419	4.4	40	J	6.2	-7	121	-2.8	4.7	-0.3	3	J
18	419	4.1	31	J	6.4	5	130	-3.2	3.7	0.9	4	J
19	421	4.3	27	J	6.5	-5	133	-3.4	3.7	0.2	4	J
20	415	4.5	35	J	6.2	-15	133	-3.2	3.6	-0.4	4	J
21	428	4.5	33	J	6.2	-33	135	-3.0	3.6	-1.8	3	J
22												
23												
24												
JAN. 2, 1989 (002)												
1												
2												
3												
4												
5												
6												
7	377	5.8	57	J	6.4	-6	151	-5.2	2.9	-0.7	2	J
8	410	5.4	28	J	6.6	10	110	-2.2	6.0	0.8	2	J
9	404	6.1	52	J	6.3	-8	124	-2.6	3.8	-1.0	4	J
10	364	5.8	46	J	5.8	-10	172	-5.5	0.7	-1.1	2	J
11	371	6.3	72	J	5.9	-30	182	-4.8	-0.5	-2.7	2	J
12	403	6.0	40	J	5.7	-19	158	-1.8	0.6	-0.7	5	J
13	419	6.2	34	J	5.7	10	89	0.1	5.2	0.4	2	J
14	388	5.8	43	J	5.3	-17	239	-1.7	-2.8	-0.8	4	J
15	370	5.1	21	J	5.4	2	176	-4.9	0.3	0.2	2	J
16	379	5.4	35	J	5.5	42	146	-2.8	1.8	3.1	3	J
17	392	5.2	30	J	5.3	29	143	-2.4	1.6	1.8	4	J
18	373	5.3	25	J	5.6	-20	153	-4.3	2.4	-1.4	2	J
19	369	4.7	21	J	5.5	-21	144	-4.0	3.2	-1.3	2	J
20	375	5.1	32	J	5.5	-40	195	-3.5	-0.2	-3.2	3	J
21	376	5.3	35	J	5.3	-37	211	-3.0	-1.0	-3.0	3	J
22	400	5.4	42	J	5.1	54	154	-1.4	0.0	2.2	4	J
23												
24												
JAN. 3, 1989 (003)												
1												
2												
3												
4												
5												
6												
7												
8												
9	387	10.3	34	J	2.4	74	132	-0.4	0.5	1.8	1	J
10	385	10.5	33	J	1.8	49	208	-0.5	-0.2	0.7	2	J
11	381	11.8	25	J	1.9	11	207	-1.2	-0.6	0.3	1	J
12	381	12.2	17	J	1.9	-5	217	-1.4	-1.0	0.0	1	J
13	381	11.4	18	J	2.4	37	190	-1.3	-0.1	1.0	2	J
14	382	10.2	28	J	2.8	41	239	-0.3	-0.6	0.6	3	J
15	380	10.5	33	J	2.8	15	334	2.2	-1.1	0.7	1	J
16	386	10.0	37	J	2.3	5	312	1.3	-1.5	0.1	1	J
17	387	9.5	54	J	2.2	9	344	1.7	-0.5	0.2	1	J
18	385	9.8	52	J	3.2	44	314	1.5	-1.8	1.8	1	J
19	383	10.9	49	J	3.1	42	281	0.4	-2.4	1.4	1	J
20	383	11.5	49	J	3.0	6	304	1.6	-2.4	-0.3	1	J
21	375	8.7	55	J	4.2	21	282	0.8	-4.0	0.4	1	J
22	375	7.6	55	J	5.1	18	281	0.9	-4.9	0.1	1	J
23	367	7.4	51	J	5.5	4	290	1.8	-4.8	-1.2	2	J
24	367	5.8	20	J	7.0	13	290	2.3	-6.6	-0.5	1	J
JAN. 4, 1989 (004)												
1					7.3	-13	294	2.9	-5.6	-3.5	1	J
2	355	3.8	16	J	7.2	-7	294	2.9	-5.9	-2.6	1	J
3	349	4.3	22	J	6.7	1	294	2.7	-5.9	-1.3	1	J
4	356	2.9	12	J	6.7	-20	285	1.6	-5.5	-3.3	1	J
5	356	2.9	10	J	6.6	-26	285	1.5	-5.3	-3.6	0	J
6												
7												
8												
9												
10												
11												
12	367	8.8	151	J	10.0	22	303	5.0	-7.4	4.5	1	J
13	399	10.2	116	J	9.8	2	263	-1.1	-8.6	0.9	5	J
14	392	13.1	43	J	10.1	55	254	-1.5	-4.8	7.8	4	J
15	378	13.7	37	J	10.0	72	315	2.1	-2.1	9.1	3	J
16	360	16.0	51	J	10.1	53	344	5.2	-1.8	7.1	5	J
17	369	12.2	21	J	11.4	51	40	5.4	3.7	9.2	2	J
18	370	14.9	45	J	9.4	55	53	3.0	2.9	7.7	4	J
19	361	12.2	28	J	10.2	54	44	4.3	2.4	8.8	2	J
20	366	15.8	14	J	9.3	76	39	1.7	-0.8	8.8	2	J
21	360	16.0	13	J	8.5	66	56	1.9	0.5	8.2	2	J
22	359	8.8	10	J	10.6	56	54	3.5	1.8	9.7	1	J
23	358	7.5	51	J	11.0	52	50	4.3	2.1	9.8	1	J
24	434	17.9	58	J	21.4	39	50	10.3	7.4	16.2	7	J

89-01-05 - 89-01-17

JAN. 5, 1989 (005)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	428	24.4	91	J	19.8	-4	44	13.3	12.6	2.8	7	J
2	437	19.0	61	J	20.9	-62	7	9.6	6.3	-17.2	3	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	368	23.3	87	J	15.2	-12	35	11.7	8.2	-3.0	4	J
16	382	21.4	83	J	16.0	-39	27	9.4	5.3	-8.3	8	J
17	422	20.5	99	J	15.6	-57	276	0.8	-6.1	-12.2	7	J
18												
19												
20												
21	427	10.7	126	J	11.3	57	276	0.6	-7.8	6.6	5	J
22	410	8.4	159	J	11.7	17	301	5.0	-8.9	0.2	6	J
23	417	8.1	148	J	10.5	26	295	3.9	-9.3	1.5	3	J
24	403	6.7	96	J								

JAN. 11, 1989 (011)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13					12.6	-13	287	3.3	-10.9	-2.3	5	J
14					16.6	-9	277	1.8	-14.6	-2.4	9	J
15					24.1	11	294	7.7	-17.4	2.8	15	J
16					25.9	-25	267	-1.2	-21.4	-12.7	9	J
17					24.1	20	256	-4.9	-20.5	4.4	11	J
18												
19					12.6	-56	315	4.9	-2.2	-11.1	3	J
20	726	10.2	256	J	13.5	-47	268	-0.1	-1.4	-3.0	13	J
21	744	10.3	269	J	11.6	-21	251	-3.2	-7.6	-6.7	5	J
22												
23												
24												

JAN. 12, 1989 (012)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	729	11.7	124	J	9.6	-7	21	8.5	3.5	0.1	3	J
2	720	12.9	95	J	13.0	11	43	8.0	6.4	4.5	7	J
3	723	5.7	65	J	13.8	-8	38	10.6	8.5	0.6	2	J
4	696	6.2	53	J	11.3	-24	56	5.7	9.3	-2.4	2	J
5	722	5.8	67	J	10.4	-18	55	5.6	8.4	-1.6	2	J
6					8.6	-1	39	6.2	5.0	0.5	3	J
7					6.7	14	10	6.4	1.0	1.7	1	J
8	688	8.6	270	J	6.6	14	13	6.2	1.4	1.6	1	J
9	695	9.2	73	J	6.7	12	22	6.1	2.5	1.4	1	J
10					6.7	13	19	6.1	2.1	1.4	0	J
11					6.8	13	22	6.1	2.5	1.4	1	J
12					7.0	20	16	6.3	1.9	2.3	1	J
13					7.2	16	16	6.7	1.9	2.0	1	J
14	695	9.2	83	J	7.4	15	15	6.9	1.8	1.9	1	J
15					7.5	12	19	6.9	2.3	1.7	1	J
16	560	16.3	153	J	7.6	18	14	6.9	1.5	2.5	1	J
17					7.8	9	18	7.2	2.1	1.6	1	J
18					7.5	9	7	7.1	0.6	1.3	2	J
19					7.0	7	354	6.9	-0.9	0.6	1	J
20	628	7.6	66	J	7.2	-2	353	7.0	-0.8	-0.5	1	J
21					7.4	-5	0	7.3	0.2	-0.6	1	J
22	560	11.0	498	J	7.3	5	7	7.2	0.6	0.9	1	J
23	457	8.2	123	J	7.5	-2	7	7.3	0.9	0.1	1	J
24	551	6.5	57	J	7.6	2	10	7.3	1.1	0.7	2	J

JAN. 13, 1989 (013)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3					7.3	11	6	7.0	0.3	1.5	1	J
4					7.7	9	360	7.5	-0.3	1.2	1	J
5					7.8	-6	1	7.8	0.3	-0.8	1	J
6					7.7	-7	359	7.5	0.0	-0.9	1	J
7	493	9.5	421	J	6.3	7	348	5.9	-1.3	0.6	1	J
8					7.1	-3	336	6.3	-2.8	-0.4	1	J
9					7.4	-5	336	6.6	-3.0	-0.6	1	J
10					6.8	-4	344	6.4	-1.9	-0.4	1	J
11					6.5	2	340	6.0	-2.2	0.3	1	J
12	497	4.3	22	J	6.4	-3	337	5.6	-2.4	-0.2	2	J
13	484	3.2	10	J	6.6	-4	344	6.2	-1.8	-0.4	1	J
14	517	5.3	45	J	9.7	-14	345	8.3	-2.2	-2.2	4	J
15	535	6.2	29	J	11.5	-20	312	6.9	-7.4	-4.2	3	J
16	523	5.3	52	J	10.8	-34	332	7.8	-3.5	-6.4	2	J
17	502	4.9	34	J	10.2	-20	329	7.9	-4.1	-4.1	3	J
18	504	5.4	31	J	10.2	-18	312	6.4	-6.2	-4.5	2	J
19	491	4.9	32	J	9.5	-7	320	7.1	-5.4	-2.6	2	J
20	463	5.6	39	J	9.4	-4	335	8.4	-3.5	-1.8	1	J
21												
22	459	5.7	69	J	8.6	-1	326	7.0	-4.4	-1.9	1	J
23	461	7.2	38	J	8.0	1	308	4.9	-5.9	-2.3	1	J
24	459	8.1	40	J	7.2	-3	304	3.9	-5.2	-2.6	2	J

JAN. 14, 1989 (014)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	448	8.1	27	J	7.0	0	307	4.1	-5.0	-2.0	2	J
2	448	7.1	15	J	6.8	13	317	4.8	-4.8	-0.1	1	J
3												
4												
5	440	7.1	33	J	6.8	25	339	5.5	-2.6	2.3	2	J
6	437	5.1	18	J	7.1	25	341	5.9	-2.4	2.6	1	J
7	432	6.7	36	J	6.7	15	334	5.6	-2.9	1.5	2	J
8	431	7.3	25	J	6.3	28	319	4.1	-3.7	2.8	1	J
9	422	8.8	25	J	6.1	28	315	3.7	-3.7	2.8	1	J
10	415	8.8	33	J	6.1	8	316	4.2	-4.0	0.9	1	J
11					6.6	-10	315	4.6	-4.6	-1.0	1	J
12	407	11.1	12	J	5.8	0	326	4.8	-3.2	0.1	1	J
13	421	7.1	25	J	5.9	30	328	4.1	-2.6	2.8	2	J
14	431	10.8	34	J	4.9	57	28	1.6	0.8	2.8	4	J
15	448	14.6	25	J	5.7	18	137	-3.8	3.4	1.9	1	J
16	454	13.2	15	J	5.9	8	148	-4.9	2.9	1.2	1	J
17	449	15.1	29	J	5.1	-11	141	-3.4	2.9	-0.4	3	J
18	454	15.5	77	J	2.8	-52	272	0.0	-0.4	-0.9	3	J
19	456	16.4	56	J	4.0	-39	149	-1.7	1.4	-1.3	3	J
20	470	14.5	105	J	5.3	-36	311	2.3	-1.7	-3.2	4	J
21	474	15.9	86	J	7.1	18	73	1.0	2.6	2.1	7	J
22												
23												
24												

JAN. 15, 1989 (015)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7	505	4.7	67	J	11.7	-15	312	7.6	-8.1	-3.8	1	J
8	514	4.9	137	J	10.2	-13	313	6.2	-6.6	-2.4	4	J
9	520	3.6	110	J	11.1	1	323	7.3	-5.5	0.1	6	J
10	557	2.7	129	J	11.3	-34	304	5.1	-7.7	-6.1	2	J
11	540	2.7	141	J	10.8	-18	314	6.9	-7.2	-3.0	3	J
12	563	2.2	113	J	10.9	-40	316	5.9	-5.8	-6.8	2	J
13	637	2.6	275	J	11.9	-46	306	4.2	-5.8	-7.4	6	J
14	695	3.0	405	J	11.5	-63	324	3.7	-2.4	-9.1	5	J
15	615	3.8	289	J	11.0	-36	309	4.9	-5.7	-6.1	5	J
16	618	6.5	275	J	11.1	-27	312	5.9	-6.0	-5.3	5	J
17	658	6.7	322	J	10.7	-59	359	3.7	1.0	-6.0	8	J
18	680	5.1	364	J	11.5	45	289	1.4	-4.8	3.2	10	J
19	676	5.3	293	J	12.8	25	280	1.8	-11.1	1.8	6	J
20	685	6.7	204	J	12.7	-1	259	-2.2	-10.6	-3.8	6	J
21	713	6.5	184	J	13.9	-38	224	-6.5	-3.4	-8.8	8	J
22	656	7.9	119	J	12.3	-29	221	-6.9	-3.6	-7.0	6	J
23												
24												

JAN. 16, 1989 (016)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	576	8.5	68	J	9.7	-3	346	9.3	-2.3	-0.5	2	J
11	566	10.6	33	J	9.7	-16	335	8.4	-3.9	-2.6	1	J
12	416	34.4	1733	J	9.7	-19	321	6.9	-5.6	-3.0	2	J
13	557	9.3	40	J	9.5	-6	322	7.4	-5.7	-1.0	1	J
14	522	10.0	483	J	8.9	-3	324	7.2	-5.2	-0.7	1	J
15	525	9.1	33	J	8.6	-8	325	6.8	-4.7	-1.6	2	J
16	544	7.6	28	J	8.5	9	304	3.5	-5.2	0.3	6	J
17	547	31.8	17	J	5.6	-34	326	1.4	-0.7	-1.3	6	J
18	547	15.2	20	J	8.4	-50	46	3.7	5.1	-5.2	2	J
19	567	15.7	51	J	8.1	-51	33	4.2	4.4	-5.2	1	J
20					8.5	-42	12	6.1	3.0	-4.9	1	J
21					9.2	-42	23	6.3	4.7	-4.8	0	J
22	566	16.6	48	J	8.8	-37	30	6.0	5.2	-3.5	1	J
23	541	10.9	127	J	8.3	-37	26	5.9	4.6	-3.4	1	J
24	525	4.9	25	J	8.2	-32	344	6.6	0.0	-4.7	2	J

JAN. 17, 1989 (017)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	520	5.3	32	J	7.5	-30	342	6.1	-0.4	-4.2	1	J
2	521	8.0	27	J	6.3	-35	346	5.0	0.2	-3.8	1	J
3	525	8.0	38	J	6.1	-3	308	3.2	-3.8	-1.6	3	J
4	532	16.3	22	J	4.1	-42	347	2.8	0.1	-2.6	2	J
5	531	19.4	17	J	3.3	-62	355	1.5	0.5	-2.8	1	J
6												
7												
8												
9												
10												
11												
12												
13	473	4.1	150	J	4.8	20	204	-3.9	-1.7	1.5	1	J
14	461	9.4	243	J	6.1	14	172	-5.2	0.7	1.3	3	J
15	495	10.0	53	J	4.7	-26	253	-0.9	-2.9	-1.8	3	J
16	495	13.7	20	J	6.4	-26	262	-0.8	-4.9	-3.3	2	J
17	485	10.7	14	J	6.4	-34	266	-0.4	-4.4	-4.4	1	J
18	477	10.3	17	J	5.8	-48	259	-0.7	-2.6	-4.9	2	J
19	482	15.2	26	J	5.6	-25	280	0.8	-3.9	-3.5	2	J
20					5.2	-60	278	0.3	-0.9	-4.9	1	J
21	474	15.2	19	J	4.9	2	294	2.0	-4.1	-1.4	1	J
22	470	16.4	19	J	4.6	8	289	1.4	-3.9	-1.0	2	J
23	472	13.2	49	J	4.7	-7	291	1.4	-3.2	-1.9	2	J
24					6.1	-38	308	2.8	-1.8	-4.6	2	J

89-01-18 - 89-01-29

JAN. 18, 1989 (018)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	462	8.3	96	J	5.9	-61	303	1.5	-0.2	-5.6	1	J
2	432	9.2	105	J	5.5	-53	290	1.1	-1.3	-5.2	1	J
3	439	3.9	9	J	5.3	-45	296	1.6	-1.9	-4.6	1	J
4	447	3.2	13	J	5.1	-38	319	3.0	-1.6	-3.8	0	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15					3.4	-10	306	1.9	-2.6	-0.8	1	J
16					3.5	-7	318	2.5	-2.2	-0.7	1	J
17	381	29.4	234	J	3.6	1	313	2.5	-2.6	-0.4	1	J
18					6.4	-7	304	3.3	-4.6	-1.9	6	J
19												
20												
21												
22												
23												
24												

JAN. 23, 1989 (023)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23					5.0	2	228	-2.7	-2.7	-1.2	3	J
24					5.4	8	159	-3.2	0.9	1.0	4	J

JAN. 24, 1989 (024)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					5.5	13	125	-2.7	3.0	2.6	3	J
2	678	2.1	90	J	5.5	-9	197	-4.6	-1.0	-1.3	2	J
3	666	1.7	81	J	5.2	2	170	-4.8	0.7	0.5	2	J
4	662	1.8	110	J	4.8	-4	156	-3.7	1.7	0.3	2	J
5	656	1.8	75	J	5.0	8	175	-4.6	0.2	0.7	2	J
6	652	2.0	86	J	5.4	11	159	-4.7	1.6	1.3	2	J
7	631	2.0	115	J	5.3	-2	178	-5.2	0.2	-0.2	1	J
8	633	2.0	121	J	5.2	5	154	-4.3	2.0	0.6	2	J
9	609	2.0	68	J	5.1	5	159	-4.6	1.7	0.5	1	J
10	603	1.8	51	J	5.2	2	160	-4.8	1.7	0.3	1	J
11	602	1.9	56	J	5.0	8	153	-4.0	2.0	0.7	2	J
12	607	2.3	87	J	4.6	3	137	-2.6	2.4	0.3	3	J
13	607	2.5	84	J	4.8	-29	130	-1.5	1.8	-1.2	4	J
14					4.6	-27	98	-0.2	1.8	-0.7	4	J
15	582	2.9	78	J	5.1	61	98	-0.2	1.3	3.4	3	J
16	572	3.2	81	J	5.0	-18	128	-1.8	2.4	-0.5	4	J
17					4.7	-13	147	-2.7	1.9	-0.3	3	J
18												
19	548	2.8	65	J	4.8	28	137	-2.8	1.8	2.8	2	J
20	553	2.7	54	J	4.9	13	124	-2.3	2.8	2.1	3	J
21	566	3.1	81	J	5.0	-22	105	-1.1	4.3	0.1	3	J
22	542	2.8	69	J	5.1	-1	132	-2.7	2.7	1.2	3	J
23	533	2.5	70	J	4.9	-23	139	-2.9	3.0	-0.4	3	J
24												

JAN. 25, 1989 (025)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	553	3.6	134	J	4.9	41	99	-0.5	1.8	4.2	2	J
2	525	2.9	76	J	4.8	14	129	-2.3	2.2	2.0	3	J
3	508	3.0	84	J	4.9	-19	139	-2.9	2.8	-0.3	3	J
4					5.1	-29	160	-3.9	2.1	-1.7	2	J
5					4.9	-37	136	-2.4	2.9	-1.8	3	J
6	495	3.5	39	J	5.0	-36	138	-2.7	2.9	-2.1	2	J
7					4.8	-17	132	-2.5	2.9	-0.7	3	J
8	499	4.4	61	J	4.7	-22	123	-2.0	3.2	-1.1	3	J
9	504	4.5	67	J	4.7	-11	121	-1.4	2.4	-0.4	4	J
10	500	4.7	69	J	5.2	-48	143	-1.8	1.5	-2.5	4	J
11	504	4.9	53	J	5.1	-37	112	-1.2	3.0	-2.2	3	J
12	511	5.1	50	J	5.1	-49	96	-0.3	3.0	-3.2	3	J
13	484	5.6	97	J	5.0	-13	151	-2.9	1.7	-0.7	4	J
14	506	5.6	56	J	5.3	-13	96	-0.5	4.5	-0.6	3	J
15	518	5.9	61	J	5.4	50	68	1.0	2.1	3.6	3	J
16	490	6.0	77	J	5.3	43	174	-2.6	-0.2	2.5	4	J
17	478	6.5	123	J	5.3	9	136	-3.0	2.6	1.3	3	J
18	491	5.8	72	J	5.8	-57	201	-2.6	0.3	-4.4	3	J
19	493	5.9	84	J	5.6	-57	153	-2.7	2.9	-4.0	1	J
20												
21												
22												
23												
24												

JAN. 26, 1989 (026)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3	518	6.3	113	J	4.7	20	73	1.2	3.0	2.8	2	J
4	478	6.0	135	J	4.7	2	156	-3.0	1.2	0.6	3	J
5	497	5.4	107	J	4.7	6	143	-1.8	1.3	0.6	4	J
6	481	5.5	116	J	4.7	-30	175	-3.6	0.8	-2.0	2	J
7	497	5.4	108	J	4.1	28	103	-0.7	2.6	2.0	3	J
8	482	5.1	108	J	5.0	-26	122	-1.7	2.8	-1.2	4	J
9	496	5.3	100	J	4.9	-11	94	-0.2	3.6	-0.4	3	J
10	473	5.2	117	J	5.0	19	193	-4.0	-1.0	1.3	2	J
11	480	5.5	109	J	5.2	-15	136	-2.8	2.8	-0.9	3	J
12	471	5.4	104	J	5.2	-27	154	-3.4	1.8	-1.9	3	J
13	494	5.0	79	J	5.4	-24	100	-0.7	3.8	-1.4	4	J
14	493	4.8	69	J	5.3	18	79	0.5	2.7	1.2	4	J
15	500	5.0	93	J	4.9	3	79	0.8	4.0	0.8	3	J
16	475	5.2	108	J	4.9	-3	120	-1.9	3.3	0.4	3	J
17	484	5.2	80	J	5.5	-31	104	-0.9	4.0	-1.3	3	J
18	488	5.3	98	J	5.1	-9	92	-0.1	2.4	0.3	5	J
19	464	5.1	90	J	4.8	-22	143	-2.9	2.5	-0.6	3	J
20	468	4.8	61	J	5.2	-31	131	-1.6	2.3	-0.7	4	J
21	438	4.5	63	J	5.6	6	171	-4.4	0.4	0.7	3	J
22	451	4.9	68	J	5.7	21	140	-3.2	1.7	2.6	4	J
23	454	4.8	45	J	6.0	37	147	-3.5	0.6	3.9	3	J
24	458	5.3	46	J	5.2	11	151	-2.9	1.1	1.3	4	J

JAN. 27, 1989 (027)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	457	5.5	43	J	5.4	-10	191	-3.2	-0.3	-0.8	4	J
2	463	5.4	29	J	6.1	-62	180	-2.8	2.2	-4.7	2	J
3												
4												
5												
6	443	5.7	46	J	5.8	-39	154	-3.7	2.5	-2.8	2	J
7	450	6.1	65	J	5.2	-15	149	-3.5	2.2	-0.7	3	J
8	463	7.7	74	J	6.3	29	146	-3.1	1.8	2.3	5	J
9	479	9.9	106	J	7.9	49	175	-4.3	0.0	5.0	4	J
10	490	10.3	108	J	7.0	13	192	-2.6	-0.6	0.6	6	J
11	483	10.2	133	J	6.8	31	218	-2.8	-2.3	2.0	5	J
12	481	9.5	107	J	7.2	-8	103	-1.3	5.8	-0.5	4	J
13	469	8.7	101	J	7.0	-20	128	-2.8	3.7	-1.4	5	J
14	475	7.5	86	J	6.4	-56	100	-0.5	3.5	-4.2	3	J
15	464	7.1	56	J	6.7	-6	118	-2.1	4.0	0.1	5	J
16	447	6.6	63	J	7.0	0	123	-3.4	5.2	1.0	3	J
17	449	6.7	63	J	7.1	18	119	-3.0	4.7	3.2	3	J
18	462	6.5	47	J	7.0	38	120	-2.5	3.0	5.0	3	J
19	465	6.9	56	J	7.2	23	108	-2.0	4.8	4.6	2	J
20	463	6.2	46	J	7.1	40	107	-1.5	2.9	5.9	2	J
21	472	6.6	48	J	6.9	26	90	0.0	4.0	4.9	3	J
22	465	6.4	40	J	6.8	41	96	-0.5	2.3	5.5	3	J
23	464	6.7	37	J	6.7	23	85	0.5	3.8	4.5	3	J
24	451	6.4	52	J	6.2	23	101	-0.8	2.9	3.5	4	J

JAN. 28, 1989 (028)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	445	6.1	50	J	6.2	44	120	-1.8	1.3	4.6	4	J
2	443	6.5	65	J	5.7	21	185	-2.6	-0.6	0.8	5	J
3	439	6.5	56	J	6.0	-53	182	-2.9	1.4	-3.6	4	J
4												
5												
6												
7												
8												
9					5.7	14	100	-0.9	5.2	1.8	1	J
10					5.9	11	85	0.5	5.6	1.5	1	J
11												
12												
13												
14												
15												
16												
17					6.4	-28	182	-4.4	0.4	-2.3	4	J
18	452	6.6	143	J	6.3	-52	125	-1.7	3.4	-2.9	4	J
19	474	6.2	122	J	5.5	-25	269	-0.1	-2.7	-2.8	4	J
20	454	5.1	115	J	6.5	-5	134	-3.1	2.3	0.9	5	J
21	470	4.2	91	J	7.0	13	112	-2.3	4.6	3.7	3	J
22	477	4.0	98	J	6.6	-29	181	-2.6	0.6	-1.3	6	J
23	463	4.4	100	J	7.4	24	220	-4.8	-4.8	0.6	3	J
24												

JAN. 29, 1989 (029)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	475	4.6	80	J	7.9	-9	114	-2.8	6.3	-0.6	4	J
13	459	4.3	62	J	7.5	-15	136	-4.4	4.4	-1.3	4	J
14	445	4.3	73	J	7.2	-17	159	-5.5	2.3	-1.5	4	J
15	458	4.5	66	J	7.2	-36	150	-3.8	2.7	-2.8	5	J
16	463	4.3	63	J	7.0	-47	176	-3.7	1.1	-3.8	4	J
17	461	3.9	65	J	7.2	-4	144	-4.0	2.9	0.4	5	J
18	473	3.6	58	J	7.4	0	110	-2.3	6.0	1.9	3	J
19	466	3.5	60	J	7.3	-30	129	-3.7	5.5	-1.6	3	J
20	462	3.8	50	J	7.8	-28	136	-4.5	5.3	-1.4	3	J
21	461	3.6	48	J	7.6	16	135	-4.8	3.5	3.8	3	J
22	447	3.5	50	J	7.3	-9	140	-5.0	4.2	1.0	3	J
23	459	4.1	47	J	7.4	-3	115	-3.0	5.9	2.7	2	J
24	465	4.3	42	J	7.4	11	114	-2.7	4.7	3.9	3	J

89-01-30 - 89-02-10

JAN. 30, 1989 (030)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	453	4.5	36	J	7.6	-8	124	-3.8	5.5	1.7	3	J
2	436	4.4	24	J	7.7	-25	162	-6.6	3.4	-2.0	0	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	407	8.3	15	J	6.2	-38	237	-2.6	-3.5	-4.2	2	J
15	452	10.6	26	J	6.1	-1	314	4.0	-4.1	-0.8	2	J
16	447	10.1	35	J	6.2	4	323	4.8	-3.6	-0.3	1	J
17	412	7.8	26	J	5.4	7	120	-1.2	2.0	0.9	5	J
18	385	10.0	16	J	5.9	-19	132	-3.4	4.1	-0.5	3	J
19	386	9.2	17	J	5.8	-14	125	-3.1	4.6	0.3	2	J
20	392	8.4	14	J	5.5	-25	157	-3.9	2.3	-1.2	3	J
21	392	12.0	19	J	3.1	54	173	-0.9	-0.5	1.2	3	J
22	378	10.7	15	J	5.0	-10	180	-4.7	0.4	-0.7	1	J
23	370	10.4	19	J	5.1	-24	172	-4.5	1.5	-1.5	1	J
24	367	8.7	21	J	5.5	-29	181	-4.7	1.2	-2.3	1	J

JAN. 31, 1989 (031)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	370	9.1	18	J	5.4	-37	191	-4.2	0.8	-3.3	1	J
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

FEB. 5, 1989 (036)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7	686	3.4	82	J								
8	673	3.8	126	J								
9	685	3.8	114	J	5.5	6	290	1.2	-3.3	-0.1	4	J
10	694	3.6	130	J	5.2	25	293	1.4	-3.5	1.3	3	J
11	650	3.4	121	J	4.8	-6	343	3.8	-1.1	-0.5	3	J
12	641	3.6	110	J	5.0	25	334	3.3	-1.8	1.5	3	J
13	621	3.8	141	J	5.0	16	340	3.9	-1.6	1.0	3	J
14	630	3.7	114	J	5.1	3	319	3.3	-2.9	-0.2	3	J
15	641	3.5	106	J	5.1	18	319	2.8	-2.6	0.7	3	J
16	636	4.0	114	J	5.2	-9	318	3.3	-2.7	-1.4	3	J
17												
18												
19												
20												
21												
22												
23												
24	629	3.8	92	J	5.9	-18	307	2.9	-2.5	-3.2	3	J

FEB. 6, 1989 (037)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	638	3.6	109	J	5.5	-44	312	2.4	-0.6	-4.2	2	J
2	644	3.6	122	J	5.5	-46	338	3.1	0.5	-3.6	3	J
3	633	3.5	97	J	5.2	-7	307	2.2	-2.4	-1.6	4	J
4	624	3.4	87	J	5.2	14	333	3.1	-1.8	0.2	4	J
5	616	3.2	68	J	5.3	-35	351	3.3	0.3	-2.4	3	J
6	606	3.4	63	J	5.4	-23	348	4.0	-0.3	-1.9	3	J
7	613	3.5	70	J	5.7	5	301	2.3	-3.8	-0.5	3	J
8	609	3.3	69	J	5.6	10	326	3.7	-2.6	0.3	3	J
9	602	3.6	90	J	5.8	8	311	3.1	-3.6	0.2	3	J
10	604	2.7	63	J	5.7	2	305	2.6	-3.8	-0.3	3	J
11	595	2.7	79	J	5.8	-21	317	3.3	-2.9	-2.1	3	J
12	587	2.5	75	J	6.0	-1	317	3.9	-3.6	-0.5	3	J
13	583	2.4	80	J	6.1	-9	336	4.9	-2.0	-1.1	3	J
14	626	2.8	103	J	6.7	-14	322	3.9	-2.8	-1.7	4	J
15	615	3.0	102	J	7.3	-13	322	4.6	-3.3	-2.0	4	J
16	607	3.3	128	J	7.1	2	323	4.8	-3.6	-0.7	4	J
17	619	3.4	141	J	7.1	38	314	3.3	-4.3	2.5	4	J
18												
19	580	4.1	197	J	7.2	-26	324	5.2	-2.3	-4.4	1	J
20	613	3.6	127	J	7.3	-19	309	3.9	-3.4	-4.0	3	J
21	597	3.4	110	J	7.5	5	312	4.6	-4.8	-1.8	3	J
22	601	3.3	100	J	7.4	-6	317	4.7	-3.5	-2.7	4	J
23	607	2.7	80	J	7.3	0	318	3.9	-3.1	-1.8	5	J
24												

FEB. 7, 1989 (038)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2	633	2.3	107	J	6.8	-21	326	4.6	-1.8	-3.4	3	J
3	627	2.4	106	J	6.6	-14	323	4.7	-2.6	-2.9	2	J
4	643	2.5	126	J	6.4	-23	316	3.8	-2.5	-3.5	3	J
5	628	2.7	83	J	6.3	25	2	5.3	-0.6	2.4	2	J
6					6.5	-17	322	4.6	-3.0	-2.7	2	J
7					6.5	-42	322	3.5	-1.8	-4.5	3	J
8	660	2.5	102	J	6.5	-35	297	2.2	-3.6	-4.0	3	J
9	646	2.6	107	J	6.3	-22	312	3.2	-3.2	-2.4	4	J
10	663	2.5	115	J	6.4	-22	307	2.6	-3.2	-2.1	4	J
11	657	2.6	119	J	6.3	0	308	2.8	-3.5	-0.4	4	J
12	632	2.5	100	J	6.2	-14	320	3.9	-3.1	-1.6	3	J
13	628	2.4	87	J	6.1	-9	320	3.8	-3.0	-1.2	3	J
14					6.1	-31	293	1.8	-3.8	-3.5	3	J
15	630	2.5	89	J	6.0	-24	320	3.6	-2.6	-2.7	3	J
16	634	2.4	89	J	6.1	-24	319	2.6	-1.8	-2.0	5	J
17	612	2.4	79	J	6.1	11	4	4.6	0.0	1.0	4	J
18	623	2.3	75	J	6.1	23	345	4.5	-1.8	1.5	3	J
19	593	1.9	35	J	5.0	14	341	4.5	-1.9	0.5	1	J
20	616	2.4	76	J	6.1	6	332	4.1	-2.2	-0.5	4	J
21	647	2.5	97	J	5.9	4	339	3.4	-1.3	-0.4	5	J
22	611	2.1	77	J	5.8	27	4	4.4	-0.8	2.1	3	J
23	647	2.4	108	J	5.7	-8	292	1.8	-3.5	-2.8	3	J
24	649	2.4	116	J	5.6	-16	287	1.3	-3.0	-3.2	3	J

FEB. 8, 1989 (039)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	639	2.7	146	J	5.6	34	302	2.1	-4.3	0.7	3	J
2												
3												
4												
5	600	1.9	128	J	5.2	22	329	3.4	-2.5	0.8	3	J
6	624	2.3	109	J	5.3	45	309	2.1	-3.4	2.5	2	J
7	592	2.3	101	J	5.5	13	328	4.0	-2.7	0.5	3	J
8	584	2.4	94	J	5.4	0	347	4.3	-1.0	-0.2	3	J
9	606	2.4	99	J	5.2	3	333	3.4	-1.7	-0.1	4	J
10	593	2.3	91	J	5.3	5	318	3.4	-3.1	0.0	3	J
11	558	2.3	109	J	5.1	4	346	4.6	-1.2	0.2	2	J
12					5.4	-14	340	4.7	-1.5	-1.4	2	J
13					5.4	-18	6	4.3	0.6	-1.3	3	J
14					5.2	21	319	2.7	-2.5	1.0	4	J
15	557	2.1	71	J	5.9	19	304	2.8	-4.4	0.8	3	J
16	558	1.8	43	J	6.1	40	311	3.0	-4.3	2.8	2	J
17	508	2.0	30	J	6.6	-5	326	4.8	-2.9	-1.5	3	J
18					6.6	33	308	3.3	-5.1	1.8	2	J
19					6.3	30	312	3.6	-4.9	1.3	1	J
20					6.0	10	336	4.4	-2.1	-0.1	4	J
21	493	2.0	29	J	6.3	-7	333	5.2	-2.0	-1.9	2	J
22	486	2.0	26	J	6.4	9	329	5.3	-3.3	-0.7	1	J
23												
24												

FEB. 9, 1989 (040)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7	515	3.4	138	J	5.4	-11	325	3.9	-2.5	-1.6	3	J
8	559	3.5	115	J	6.0	29	279	0.7	-4.5	1.5	3	J
9					5.8	-13	314	3.5	-3.4	-1.7	3	J
10					6.4	8	305	3.4	-4.9	0.2	3	J
11					6.3	8	319	4.3	-3.8	0.3	3	J
12					6.2	23	309	3.3	-4.3	1.7	3	J
13					6.3	10	316	4.3	-4.2	0.4	2	J
14					6.2	-13	324	4.7	-3.1	-1.9	2	J
15					5.8	-19	319	4.0	-3.0	-2.5	1	J
16	501	3.0	56	J	6.1	-5	319	4.4	-3.6	-1.5	1	J
17	504	3.5	68	J	5.5	-1	300	2.0	-3.3	-1.1	4	J
18	545	4.2	85	J	5.4	-4	202	-4.6	-1.6	-1.0	2	J
19	526	3.7	52	J	5.3	-19	201	-4.3	-0.9	-2.1	2	J
20	503	3.8	53	J	4.9	-37	226	-2.3	-1.0	-3.3	3	J
21	493	3.6	43	J	5.1	-47	263	-0.4	-1.1	-4.3	2	J
22	471	3.9	38	J	5.4	-47	296	1.6	-0.9	-4.9	1	J
23	471	4.7	27	J	5.5	-78	274	0.1	1.6	-4.7	2	J
24	472	4.6	35	J	6.1	-37	253	-1.3	-2.0	-5.1	3	J

FEB. 10, 1989 (041)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	476	5.2	62	J	5.6	-47	260	-0.6	-1.1	-4.8	3	J
2	478	5.4	78	J	5.1	-25	253	-1.2	-2.5	-3.5	3	J
3					4.9	-39	258	-0.8	-1.9	-4.2	1	J
4					4.6	-38	275	0.3	-1.8	-3.2	3	J
5					5.2	-31	287	1.3	-3.0	-3.8	1	J
6												
7												
8												
9												
10												
11	413	5.5	37	J	5.2	-4	290	1.4	-3.9	-0.8	3	J
12	419	5.6	33	J	5.3	-36	261	-0.6	-3.6	-3.4	2	J
13	415	5.6	29	J	5.4	-62	248	-0.9	-1.5	-4.7	2	J
14	413	5.3	36	J	5.2	42	283	0.5	-2.2	1.4	5	J
15	416	5.3	37	J	5.5	63	310	1.5	-2.8	4.2	1	J
16	416	5.6	26	J	5.5	73	291	0.5	-2.7	4.4	2	J
17	408	5.6	41	J	5.5	69	319	1.4	-2.7	4.3	1	J
18	406	5.7	46	J	5.0	56	297	1.1	-3.3	2.6	2	J
19	410	6.2	47	J	5.2	68	277	0.2	-2.8	2.7	3	J
20	390	6.5	48	J	5.1	48	334	2.2	-2.1	1.9	4	J
21	375	6.5	70	J	4.9	25	15	3.8	0.0	2.1	2	J
22	378	7.0	74	J	4.8	30	344	3.7	-2.0	1.4	2	J
23	413	7.4	35	J	5.3	58	252	-0.8	-4.1	2.2	3	J
24	405	8.8	30	J	6.7	81	311	0.6	-3.7	4.8	3	J

89-02-11 - 89-02-24

FEB. 11, 1989 (042)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	406	8.0	15	J	7.1	62	267	-0.2	-5.6	3.5	3	J
2	398	8.6	21	J	7.2	46	281	0.9	-6.4	2.1	2	J
3	389	8.3	15	J	7.4	80	309	0.8	-4.1	6.0	1	J
4	385	6.9	24	J	6.3	74	355	1.2	-1.7	3.7	5	J
5					5.3	34	318	2.9	-3.4	1.6	2	J
6												
7												
8												
9												
10												
11												
12												
13												
14	368	5.3	32	J	5.8	26	326	4.0	-3.1	1.8	2	J
15	379	5.0	16	J	5.9	62	291	0.9	-3.4	4.2	2	J
16	359	4.9	21	J	5.8	61	334	2.4	-2.4	4.3	2	J
17	407	9.2	63	J	11.1	15	318	6.2	-6.0	0.4	7	J
18	392	7.1	50	J	11.5	-29	331	8.4	-2.4	-6.7	3	J
19	397	6.6	50	J	11.7	-41	328	7.4	-1.1	-8.8	2	J
20	393	7.9	46	J	11.0	-18	308	5.7	-5.2	-6.0	5	J
21	366	7.0	30	J	10.7	-15	336	9.0	-2.2	-4.2	3	J
22	377	7.6	28	J	10.5	3	321	7.3	-5.4	-2.5	4	J
23	407	9.0	28	J	10.6	36	293	3.3	-9.7	1.2	2	J
24												

FEB. 18, 1989 (049)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8	525	4.5	40	J	9.4	19	47	5.9	5.5	4.4	3	J
9	530	3.8	33	J	8.6	30	44	5.4	4.3	5.2	1	J
10	525	4.3	39	J	8.4	30	44	5.2	4.3	5.0	1	J
11					8.2	38	38	5.0	3.1	5.5	2	J
12	502	5.1	82	J	7.9	41	44	4.2	3.2	5.7	1	J
13	495	4.5	31	J	7.8	15	68	2.2	5.2	2.6	5	J
14	467	5.8	27	J	7.1	-32	132	-2.8	3.6	-1.9	5	J
15	488	7.8	19	J	6.7	-9	80	1.1	6.2	0.5	2	J
16	483	7.6	25	J	6.5	-34	98	-0.6	4.6	-1.5	4	J
17												
18												
19												
20												
21												
22												
23												
24												

FEB. 19, 1989 (050)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	475	5.8	32	J	8.7	14	93	-0.4	6.1	6.2	1	J
2	460	5.6	29	J	8.6	13	98	-1.1	5.8	5.5	3	J
3	453	6.2	56	J	8.3	25	110	-2.4	4.3	6.0	3	J
4	467	6.1	52	J	8.0	28	111	-2.3	3.9	5.6	3	J
5	469	6.5	56	J	8.1	-5	104	-1.9	7.1	2.2	2	J
6	447	6.6	78	J	8.1	2	126	-4.2	5.4	2.1	4	J
7	440	6.1	68	J	7.8	2	148	-6.1	3.6	1.3	3	J
8	458	7.0	48	J	8.2	-16	122	-3.9	6.5	-0.6	3	J
9	453	7.3	29	J	8.8	11	120	-4.2	6.8	3.0	2	J
10	468	8.3	47	J	8.4	66	139	-2.3	0.8	7.2	4	J
11	458	8.4	55	J	8.7	47	126	-3.1	3.3	6.2	4	J
12	419	9.8	130	J	9.0	10	181	-8.2	-0.4	1.4	3	J
13	429	9.6	113	J	8.9	-24	179	-7.0	0.7	-3.1	5	J
14	416	11.0	96	J	9.4	-15	190	-7.9	-0.9	-2.4	4	J
15	419	9.5	92	J	9.1	-14	159	-7.5	3.3	-1.2	4	J
16	431	9.8	85	J	8.9	-26	143	-5.5	5.0	-2.0	4	J
17	453	8.9	94	J	8.8	-7	132	-4.5	5.0	0.9	6	J
18	442	9.2	113	J	9.0	4	129	-5.3	5.8	3.1	3	J
19												
20												
21												
22												
23												
24												

FEB. 20, 1989 (051)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4	509	10.7	163	J	8.4	-4	163	-5.1	1.6	0.3	6	J
5	503	11.0	143	J	9.4	10	143	-6.4	3.9	3.1	5	J
6	521	10.2	143	J	10.1	24	121	-3.7	4.7	5.0	6	J
7	525	9.7	166	J	10.2	-12	124	-3.4	5.2	0.2	8	J
8	519	9.3	137	J	10.7	-11	125	-4.4	6.4	0.0	7	J
9	527	9.1	155	J	11.0	22	107	-2.6	7.7	5.3	5	J
10	529	8.9	165	J	10.9	10	105	-2.5	9.0	3.3	5	J
11	542	8.8	148	J	9.1	-6	133	-5.4	5.9	0.1	4	J
12	540	9.4	156	J	9.2	-26	140	-6.1	5.7	-3.0	2	J
13	556	9.0	164	J	8.6	-43	152	-5.2	3.7	-4.9	3	J
14	564	8.2	220	J	7.7	-28	188	-5.9	-0.1	-3.2	4	J
15	577	7.3	220	J	6.9	-19	120	-2.5	4.5	-0.6	5	J
16	575	6.9	190	J	6.6	-13	130	-2.9	3.6	0.0	5	J
17	563	6.8	170	J	6.7	15	163	-4.6	0.9	1.7	5	J
18	576	6.6	181	J	6.9	-49	205	-3.1	0.2	-4.2	5	J
19	553	6.6	134	J	6.7	8	152	-4.5	1.8	1.7	4	J
20												
21												
22												
23												
24												

FEB. 21, 1989 (052)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	501	5.8	44	J	7.1	24	125	-3.4	4.3	3.4	3	J
13	500	5.7	36	J	7.4	38	130	-3.6	3.4	5.2	2	J
14	510	6.1	43	J	7.1	60	132	-2.2	1.2	6.1	2	J
15	462	6.8	116	J	7.1	5	170	-6.3	0.9	0.8	3	J
16	451	8.9	227	J	6.6	0	180	-5.7	0.0	0.0	3	J
17	492	6.8	73	J	6.7	2	130	-3.3	3.7	1.5	4	J
18	491	6.4	61	J	6.8	19	122	-3.1	3.7	3.7	3	J
19	478	6.4	64	J	6.8	11	130	-4.0	3.7	3.2	2	J
20	493	5.8	52	J	6.6	27	115	-2.3	3.0	4.8	2	J
21	473	6.4	84	J	6.5	12	140	-4.3	2.5	2.8	3	J
22	490	6.0	52	J	6.6	26	115	-2.4	2.9	5.1	2	J
23	479	6.1	55	J	6.7	21	123	-3.1	2.8	4.4	3	J
24	477	6.1	62	J	6.7	14	133	-3.6	2.6	3.2	4	J

FEB. 22, 1989 (053)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	481	6.1	46	J	6.6	40	132	-3.0	0.8	5.0	3	J
2	502	6.7	43	J	6.6	3	89	0.1	4.1	2.7	4	J
3	489	6.4	55	J	6.4	-29	102	-0.9	5.1	-0.1	4	J
4	477	6.4	64	J	6.5	6	112	-2.2	4.6	2.9	3	J
5												
6												
7												
8												
9												
10	467	6.7	89	J	6.0	-43	200	-3.5	-0.6	-3.7	3	J
11	468	6.7	82	J	6.5	-3	130	-3.3	4.0	0.4	4	J
12	467	6.5	70	J	6.5	-1	123	-3.2	4.9	0.8	3	J
13	477	6.6	51	J	6.8	32	100	-0.9	4.5	4.3	3	J
14	473	6.3	56	J	6.7	4	115	-1.8	3.6	1.1	5	J
15	468	5.8	58	J	6.8	15	123	-3.1	4.2	2.7	3	J
16	472	5.7	74	J	6.6	1	125	-3.0	4.1	1.4	4	J
17	472	5.1	70	J	6.9	55	130	-2.3	0.8	5.7	3	J
18	483	4.4	75	J	6.1	36	131	-2.8	1.7	4.1	3	J
19	479	4.5	109	J	6.0	30	153	-3.5	0.6	2.9	4	J
20	465	4.6	148	J	5.6	-15	153	-4.3	2.5	-0.1	2	J
21	485	4.6	96	J	6.1	-9	137	-3.8	3.4	1.1	3	J
22	506	4.7	62	J	6.2	16	105	-1.4	3.7	4.2	2	J
23	505	4.9	65	J	6.2	25	106	-1.3	2.6	4.3	3	J
24	484	5.3	95	J	6.2	19	135	-3.8	2.2	3.6	2	J

FEB. 23, 1989 (054)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	437	5.0	86	J	5.8	22	154	-4.7	1.8	2.5	1	J
14	435	5.5	74	J	6.4	15	180	-6.0	-0.4	1.6	2	J
15	433	5.6	59	J	6.6	8	197	-6.1	-2.0	0.4	1	J
16	428	5.3	76	J	6.2	0	191	-5.9	-1.1	-0.3	1	J
17	425	5.9	83	J	6.6	3	194	-6.2	-1.6	-0.2	1	J
18	408	7.4	126	J	7.2	-3	186	-7.1	-0.5	-0.6	1	J
19					7.2	-8	177	-7.0	0.8	-0.7	1	J
20					6.4	-13	172	-6.0	1.4	-0.8	1	J
21	407	6.2	32	J	7.2	-11	154	-6.3	3.3	0.4	1	J
22	413	6.0	46	J	7.1	-17	155	-5.7	3.3	-0.2	3	J
23	413	5.3	33	J	7.2	-18	152	-5.5	3.5	-0.1	3	J
24	407	5.7	39	J	7.3	-23	164	-6.2	3.0	-1.3	2	J

FEB. 24, 1989 (055)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	396	6.6	59	J	7.5	-28	187	-6.6	1.2	-3.4	1	J
2	413	5.5	36	J	7.6	-38	186	-5.6	1.8	-4.1	2	J
3	426	5.7	39	J	7.6	-15	122	-3.6	5.9	1.2	3	J
4	437	5.9	43	J	7.5	-22	109	-2.2	6.9	0.3	2	J
5	434	5.8	51	J	7.6	-32	108	-2.0	7.1	-1.3	1	J
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

89-03-01 - 89-03-08

MAR. 1, 1989 (060)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22	339	27.8	46	J								
23	358	24.7	88	J								
24	394	8.4	110	J								

MAR. 2, 1989 (061)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	397	9.7	250	J								
2	408	10.4	283	J								
3	408	10.3	233	J								
4	459	15.0	237	J								
5	445	18.7	382	J								
6	459	13.2	229	J								
7	443	11.1	237	J	15.0	34	314	7.4	-9.5	4.6	6	J
8	448	10.8	255	J	12.6	24	306	6.0	-9.2	2.3	5	J
9	456	10.8	254	J	10.6	23	307	4.9	-7.2	1.9	6	J
10	479	9.4	214	J	10.3	-28	269	-0.1	-6.5	-5.4	6	J
11	478	9.5	191	J	9.9	-8	269	-0.1	-6.9	-2.4	7	J
12	465	8.7	139	J	10.7	39	278	0.9	-7.2	3.8	7	J
13	448	8.3	128	J	9.8	-14	302	4.6	-6.8	-3.7	4	J
14	436	7.9	104	J	10.6	-31	317	6.3	-4.5	-6.4	3	J
15	446	9.3	102	J	9.4	-6	315	4.6	-4.3	-1.9	7	J
16	466	10.4	84	J	8.6	-63	327	3.2	0.4	-7.8	1	J
17												
18												
19												
20	523	3.1	122	J	9.6	-14	328	6.8	-2.7	-3.9	4	J
21	521	2.7	95	J	9.3	-20	342	7.3	-0.5	-3.6	4	J
22	506	2.9	86	J	9.2	-26	344	7.3	0.3	-4.3	3	J
23												
24	524	2.4	57	J	8.8	-24	27	6.6	4.6	-0.9	3	J

MAR. 3, 1989 (062)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	529	2.5	45	J	9.4	-13	356	9.1	0.6	-2.1	1	J
2	530	2.6	40	J	10.2	-14	354	9.7	0.4	-2.6	1	J
3	533	2.3	47	J	11.0	-22	341	9.4	-0.8	-5.1	2	J
4	543	2.5	78	J	10.9	-18	331	8.7	-2.8	-5.0	3	J
5	566	3.3	224	J	10.2	-6	311	5.5	-5.4	-3.3	6	J
6	592	4.7	227	J	10.4	-28	327	4.1	-1.6	-3.3	9	J
7	561	5.2	114	J	11.6	-17	352	9.4	-0.4	-3.2	6	J
8	568	3.8	173	J	9.6	-38	328	4.5	-1.7	-4.8	7	J
9	616	4.5	229	J	10.6	-62	329	3.2	-0.3	-7.3	7	J
10	618	4.4	213	J	11.6	-33	319	6.1	-4.2	-6.3	6	J
11	588	4.3	183	J	11.0	3	307	6.1	-8.1	-1.0	4	J
12	598	4.0	238	J	9.8	-31	340	6.8	-1.6	-4.8	5	J
13	595	4.3	250	J	8.8	-31	2	7.2	1.2	-4.2	3	J
14	589	3.7	221	J	8.5	-26	346	7.0	-0.8	-3.8	3	J
15	590	3.4	213	J	8.8	-36	329	5.9	-2.0	-5.8	2	J
16	579	3.1	132	J	9.1	-22	311	4.6	-4.1	-4.4	5	J
17	575	3.1	185	J	8.7	-39	319	4.9	-2.0	-6.4	3	J
18												
19	459	2.4	48	J	9.8	-17	346	9.0	-0.7	-3.6	1	J
20	500	1.7	72	J	10.2	-12	302	5.0	-5.9	-5.7	3	J
21												
22												
23												
24												

MAR. 4, 1989 (063)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2												
3					10.3	11	313	6.7	-7.2	-1.9	1	J
4					10.1	11	317	7.0	-6.7	-1.3	2	J
5					9.9	7	316	6.9	-6.6	-1.6	1	J
6					10.0	6	306	5.8	-7.8	-1.8	1	J
7	452	2.0	29	J	9.9	-1	307	5.8	-7.3	-2.5	2	J
8	475	2.1	34	J	10.1	2	303	5.4	-8.1	-1.8	2	J
9	450	2.3	28	J	10.4	4	310	6.5	-7.7	-1.1	2	J
10	490	2.5	27	J	10.7	-5	299	5.1	-8.9	-2.8	1	J
11	493	3.1	59	J	11.2	-7	288	3.3	-9.8	-3.3	2	J
12	504	3.3	82	J	9.8	-5	286	2.3	-7.8	-2.3	5	J
13	529	4.2	180	J	7.8	-36	258	-1.1	-4.4	-5.1	4	J
14	523	3.6	146	J	9.5	-38	276	0.6	-4.2	-5.3	7	J
15	501	3.0	155	J	9.5	22	323	6.7	-5.8	1.9	3	J
16	502	2.5	149	J	9.3	24	325	6.7	-5.6	1.9	3	J
17	518	3.2	250	J	8.3	11	332	6.3	-3.6	0.0	4	J
18	534	3.0	184	J	8.5	27	359	7.1	-1.6	3.2	3	J
19												
20												
21												
22												
23												
24												

MAR. 5, 1989 (064)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2												
3												
4												
5												
6	525	5.4	126	J	6.9	3	317	4.8	-4.3	-1.3	2	J
7	559	5.9	104	J	7.2	-38	295	2.0	-3.0	-4.8	4	J
8	569	5.9	100	J	7.4	-24	285	1.5	-4.7	-3.9	4	J
9	550	6.0	100	J	7.4	2	300	3.3	-5.6	-1.1	3	J
10	549	5.9	118	J	7.3	14	308	3.6	-4.8	0.5	4	J
11	559	4.9	92	J	7.9	-64	326	2.3	-0.4	-5.8	5	J
12	555	5.1	113	J	8.0	-61	318	2.5	-1.0	-6.4	4	J
13	526	5.5	137	J	8.1	13	356	6.2	-0.7	1.3	5	J
14	532	5.6	131	J	8.1	-23	36	5.2	4.3	-1.7	4	J
15	538	5.8	133	J	8.1	-23	35	5.1	4.1	-1.5	5	J
16	516	5.3	125	J	7.8	23	3	6.5	-0.6	2.7	3	J
17	537	5.1	190	J	7.6	34	30	5.0	1.2	4.6	3	J
18	559	4.7	228	J	6.0	-15	36	3.1	2.5	0.0	5	J
19	569	4.2	224	J	6.7	-24	32	3.6	2.9	-0.6	5	J
20	592	3.8	191	J	7.9	9	72	2.3	5.6	4.6	2	J
21												
22												
23												
24												

MAR. 6, 1989 (065)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9	638	6.0	104	J	6.6	-23	101	-1.1	6.1	-1.1	2	J
10	635	4.1	225	J	5.1	-15	42	2.4	2.3	-0.4	4	J
11	664	3.4	197	J	6.3	72	336	0.8	-0.8	2.4	6	J
12	650	3.3	220	J	6.6	-4	312	3.3	-3.5	-1.1	5	J
13	629	3.2	146	J	6.5	-4	339	5.5	-2.0	-0.9	3	J
14	628	3.4	155	J	6.8	-18	359	6.1	0.4	-1.9	2	J
15	654	3.6	171	J	6.9	-14	341	4.6	-1.2	-1.6	5	J
16	646	3.1	127	J	7.0	8	320	4.9	-4.1	-0.5	3	J
17	639	3.0	88	J	6.8	14	343	5.6	-2.1	0.7	3	J
18	642	3.1	108	J	6.1	18	348	5.3	-1.8	1.1	2	J
19	623	3.1	123	J	5.9	-4	346	5.2	-1.0	-0.9	2	J
20					5.8	9	305	2.6	-3.6	-1.3	4	J
21					5.6	1	330	4.5	-2.2	-1.3	2	J
22					5.0	-6	337	3.9	-1.1	-1.3	3	J
23					5.4	0	311	2.9	-2.7	-1.9	3	J
24					5.3	-12	276	0.4	-3.0	-3.2	3	J

MAR. 7, 1989 (066)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1					5.3	15	335	4.3	-2.4	0.0	2	J
2					4.3	9	315	2.4	-2.3	-0.8	3	J
3					4.8	31	310	2.0	-3.0	0.4	3	J
4					5.2	10	305	2.3	-3.2	-0.8	3	J
5					5.4	-21	267	-0.3	-3.7	-3.7	2	J
6												
7												
8												
9												
10												
11												
12	549	1.7	54	J	3.9	3	345	3.5	-0.9	0.0	1	J
13					4.1	0	320	2.9	-2.4	-0.5	2	J
14	579	2.8	94	J	3.9	12	288	1.0	-3.1	-0.1	2	J
15	564	2.6	51	J	3.8	16	260	-0.6	-3.5	0.0	1	J
16	525	2.3	70	J	3.7	12	307	2.0	-2.7	-0.2	2	J
17	542	2.3	41	J	3.8	33	256	-0.6	-3.1	0.6	2	J
18	534	2.5	44	J	4.0	21	284	0.7	-2.8	-0.2	3	J
19	535	2.4	42	J	4.1	28	279	0.4	-3.1	0.0	3	J
20	548	2.8	46	J	3.8	53	227	-1.4	-2.6	1.5	2	J
21	534	3.4	49	J	4.6	54	270	0.0	-3.3	1.3	3	J
22	519	3.1	64	J	4.1	11	291	1.4	-3.4	-1.4	2	J
23	508	2.9	92	J	3.7	-14	327	2.7	-1.0	-1.6	2	J
24	515	3.0	61	J	3.2	-36	295	0.9	-0.7	-2.4	2	J

MAR. 8, 1989 (067)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	530	3.2	48	J	3.5	43	225	-1.6	-2.5	0.9	2	J
2	523	3.1	50	J	3.1	17	281	0.5	-2.4	-0.6	2	J
3	512	3.1	56	J	3.3	-3	328	1.6	-0.8	-0.6	3	J
4	484	2.9	70	J	4.0	-22	346	3.5	-0.1	-1.7	1	J
5	457	3.5	61	J	3.6	-14	7	3.2	0.7	-0.6	1	J
6												
7												
8												
9												
10												
11												
12												
13	394	3.4	17	J	3.5	35	302	1.5	-2.8	1.4	1	J
14	394	3.4	13	J	3.9	50	296	1.1	-2.8	2.3	1	J
15	403	5.8	35	J	4.6	50	225	-2.0	-2.9	2.7	1	J
16	397	4.3	11	J	4.5	49	249	-1.0	-3.5	2.1	2	J
17	383	4.6	16	J	4.8	52	267	-0.2	-4.1	2.3	1	J
18	416	6.9	22	J	5.7	40	258	-0.9	-5.1	1.4	3	J
19	551	19.3	159	J	17.6	26	269	-0.3	-17.1	-0.6	4	J
20	513	23.8	219	J	16.1	-11	286	3.9	-10.4	-9.3	7	J
21	508	22.4	406	J	12.8	22	308	6.1	-8.7	-0.8	7	J
22	506	19.6	446	J	12.2	3	309	5.8	-6.3	-3.6	8	J
23	511	18.1	334	J	11.6	16	297	4.7	-9.3	-2.8	4	J
24	510	18.1	301	J	10.2	-23	286	2.3	-4.6	-7.5	5	J

89-03-09 - 89-03-20

MAR. 9, 1989 (068)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	509	16.5	195	J	10.3	-39	268	-0.2	-1.9	-5.9	8	J
2	502	15.8	157	J	9.6	36	267	-0.4	-8.9	0.6	4	J
3	499	13.7	150	J	10.3	57	271	0.1	-8.8	4.5	3	J
4	488	11.3	163	J	10.7	4	275	0.8	-8.8	-3.7	5	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

MAR. 14, 1989 (073)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24	839	16.7	44	J								

MAR. 15, 1989 (074)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2					11.5	-33	144	-6.9	7.1	-2.0	5	J
3	813	7.0	91	J	9.0	-17	139	-5.1	4.8	0.4	6	J
4	811	7.7	47	J	8.5	-17	158	-6.8	3.5	-0.7	3	J
5	819	8.8	82	J	7.7	-6	160	-6.7	2.5	0.3	3	J
6					7.9	-14	161	-6.9	2.9	-0.8	2	J
7												
8												
9												
10												
11												
12					5.7	-24	197	-5.0	-1.0	-2.6	1	J
13	759	5.4	59	J	5.6	-14	219	-3.8	-2.7	-1.9	3	J
14	740	4.7	48	J	5.6	0	182	-5.5	-0.2	0.0	1	J
15	710	4.2	109	J	5.8	10	203	-5.1	-2.3	0.3	1	J
16	725	4.6	49	J	5.4	10	224	-3.7	-3.7	-0.3	1	J
17												
18												
19												
20												
21												
22												
23												
24												

MAR. 16, 1989 (075)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2					5.5	68	188	-2.0	-3.0	4.2	1	J
3	616	3.3	38	J	5.0	38	168	-2.5	-0.5	2.0	4	J
4	607	2.9	51	J	5.6	-2	146	-4.2	2.6	1.1	2	J
5	598	3.5	42	J	6.1	8	146	-4.9	2.7	2.1	1	J
6	724	8.4	215	J	12.7	38	164	-7.4	-0.2	6.4	10	J
7	699	8.6	246	J	22.7	15	142	-15.9	10.1	9.1	9	J
8	683	6.7	167	J	21.9	2	130	-13.6	15.3	5.1	6	J
9	731	4.7	375	J	21.0	-21	112	-6.6	17.6	-2.7	9	J
10	725	5.5	230	J	20.6	-35	111	-5.7	17.0	-7.7	7	J
11	743	8.3	250	J	18.5	-41	108	-3.8	13.8	-8.1	9	J
12	734	12.5	352	J	15.9	-39	108	-3.5	12.5	-6.7	6	J
13	710	9.1	189	J	15.4	-28	110	-4.5	13.7	-4.0	4	J
14	713	7.4	243	J	12.6	2	153	-8.5	4.1	1.4	8	J
15	696	5.0	187	J	12.6	30	175	-10.7	-0.9	6.2	2	J
16	678	6.0	131	J	11.5	-7	118	-3.9	7.3	1.5	8	J
17	667	6.2	138	J	10.8	-33	47	5.8	7.9	-2.7	3	J
18												
19												
20												
21												
22												
23												
24												

MAR. 17, 1989 (076)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5	575	3.3	52	J	7.9	-27	131	-4.6	6.3	-1.1	1	J
6					8.7	-76	103	-0.4	4.7	-6.7	3	J
7					8.7	-84	354	0.9	2.5	-8.0	2	J
8	622	4.3	29	J	7.4	-80	71	0.4	3.1	-6.6	1	J
9	604	2.4	23	J	6.5	-79	59	0.6	2.3	-5.4	3	J
10	588	2.4	37	J	6.7	-80	125	-0.6	2.3	-6.0	2	J
11	590	2.6	41	J	6.7	-70	159	-2.1	2.1	-5.8	2	J
12	576	2.1	45	J	6.8	-42	159	-4.6	2.7	-3.9	1	J
13	555	2.4	56	J	6.6	-34	158	-5.1	2.8	-3.1	1	J
14	557	2.3	41	J	6.5	-34	156	-4.9	3.0	-3.0	1	J
15	553	3.5	104	J	6.5	-31	153	-4.7	3.2	-2.4	2	J
16	555	3.7	92	J	6.5	-23	162	-5.5	2.5	-1.7	1	J
17	556	3.2	52	J	6.5	-38	161	-4.8	3.0	-3.0	1	J
18	540	2.5	26	J	7.1	-26	149	-5.4	4.2	-1.4	1	J
19	560	8.7	348	J	6.9	-27	153	-5.4	3.9	-1.4	1	J
20												
21												
22												
23												
24												

MAR. 18, 1989 (077)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8					6.0	16	148	-4.8	2.4	2.4	1	J
9					6.7	-20	149	-5.3	3.6	-1.4	1	J
10					6.4	-13	147	-5.1	3.5	-0.6	1	J
11					7.2	-17	157	-6.3	3.0	-1.5	1	J
12	445	2.6	18	J	7.8	-16	155	-6.5	3.4	-1.4	2	J
13					8.2	-24	140	-5.7	5.4	-2.1	1	J
14	493	4.0	17	J	8.7	-45	136	-4.3	5.5	-4.7	3	J
15	495	4.2	13	J	9.4	-67	135	-2.5	4.9	-7.4	2	J
16	502	2.3	23	J	9.0	-57	143	-3.4	4.6	-5.3	5	J
17					7.5	-13	135	-5.1	5.3	0.4	1	J
18					7.3	-1	130	-4.6	5.0	2.3	2	J
19					6.3	-8	136	-4.3	4.0	1.2	2	J
20					6.1	-8	140	-4.5	3.6	1.2	2	J
21					6.5	-6	149	-5.3	3.0	1.2	1	J
22					6.1	-4	159	-5.6	2.0	0.9	1	J
23												
24												

MAR. 19, 1989 (078)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11					22.7	0	7	22.2	2.7	0.6	3	J
12	880	6.5	127	J	21.0	-3	342	19.4	-5.9	-2.4	5	J
13	831	6.6	503	J	15.6	-26	29	9.5	6.3	-4.0	10	J
14	785	8.7	457	J	13.0	-37	31	8.1	6.6	-5.7	5	J
15	705	9.7	502	J	11.9	-59	118	-2.7	7.6	-7.6	5	J
16	709	8.0	470	J	10.2	-36	61	3.8	8.5	-3.1	3	J
17	685	7.3	426	J	9.0	-27	74	2.0	7.9	-0.7	4	J
18	665	6.1	245	J	9.9	-43	51	4.3	7.5	-3.4	4	J
19	645	5.5	328	J	7.6	-32	109	-2.1	7.2	-0.6	1	J
20	626	4.5	185	J	8.0	-32	94	-0.5	7.8	-0.1	2	J
21	617	4.3	148	J	7.7	-45	68	2.0	7.1	-1.8	2	J
22	607	3.6	180	J	7.1	-27	100	-1.0	6.6	0.8	2	J
23	606	4.4	214	J	8.1	51	144	-3.1	-0.8	5.1	6	J
24	606	3.5	200	J	8.3	23	107	-2.1	3.9	6.4	3	J

MAR. 20, 1989 (079)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	606	2.4	123	J	8.5	3	98	-1.2	6.6	4.9	2	J
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	482	5.1	36	J	3.0	21	207	-2.1	-1.2	0.7	2	J
13	475	6.2	53	J	3.2	14	221	-2.0	-1.8	0.2	2	J
14	470	5.4	49	J	3.8	30	145	-1.7	0.8	1.5	3	J
15	475	6.1	49	J	4.6	-18	33	3.3	2.4	-0.6	2	J
16	481	7.0	51	J	5.8	-27	34	4.0	3.4	-1.4	2	J
17												
18	467	6.8	53	J	4.6	-5	153	-2.7	1.3	0.4	4	J
19	457	6.5	46	J	4.5	12	177	-4.3	-0.2	0.9	1	J
20	457	7.2	72	J	4.7	20	156	-3.8	0.7	2.2	2	J
21	474	6.6	79	J	5.1	-9	128	-2.7	3.2	1.3	3	J
22	474	7.6	91	J	5.8	11	225	-3.4	-3.3	-1.1	3	J
23	490	8.7	96	J	6.6	52	229	-2.2	-4.6	2.1	4	J
24	512	5.4	59	J	9.2	27	272	0.3	-8.0	-1.1	5	J

89-03-21 - 89-04-02

MAR. 21, 1989 (080)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	517	7.6	47	J	9.2	-3	282	1.6	-6.2	-4.6	5	J
2	504	7.1	33	J	9.5	-57	45	2.6	5.2	-3.4	7	J
3	493	6.5	21	J	9.6	-13	87	0.5	9.0	2.7	2	J
4	525	6.5	27	J	10.8	-26	87	0.5	10.6	0.2	2	J
5					11.8	-31	103	-2.3	11.5	-1.5	1	J
6												
7												
8												
9												
10												
11												
12												
13	448	11.0	38	J	7.7	5	172	-7.5	0.9	0.9	1	J
14	456	9.3	28	J	8.2	-10	157	-6.8	3.1	-0.5	3	J
15	452	7.2	24	J	9.2	2	149	-7.8	4.4	1.7	2	J
16												
17												
18												
19												
20												
21												
22												
23												
24												

MAR. 27, 1989 (086)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4	431	44.3	310	J								
5	429	35.5	247	J								
6	450	34.0	190	J								
7	444	29.9	162	J								
8	457	49.6	119	J								
9	447	54.6	78	J								
10	434	44.3	78	J								
11	427	46.3	75	J								
12	424	47.1	66	J								
13	414	42.7	52	J								
14	423	50.0	55	J								
15	454	67.8	64	J								
16												
17												
18												
19	482	19.2	57	J								
20	404	19.3	115	J								
21	456	23.8	433	J								
22												
23												
24												

MAR. 28, 1989 (087)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	477	9.0	147	J								
2												
3												
4	467	9.5	154	J	10.4	15	165	-6.8	0.8	2.5	7	J
5	480	12.2	88	J	12.1	-30	191	-9.3	0.6	-5.7	5	J
6					9.7	-27	174	-7.7	2.2	-3.4	4	J
7	499	12.2	34	J	9.6	-6	166	-9.0	2.4	-0.2	2	J
8	482	42.7	32	J	8.3	18	148	-6.3	3.1	3.4	3	J
9	481	35.8	41	J	10.7	16	177	-9.9	-0.2	2.9	3	J
10	486	26.8	38	J	14.3	11	201	-12.9	-5.4	1.6	3	J
11	501	28.2	61	J	14.1	-3	214	-11.0	-7.1	-2.2	7	J
12	484	33.0	54	J	13.3	10	211	-10.2	-6.4	0.8	6	J
13	487	9.0	48	J	15.0	-3	225	-9.8	-9.4	-2.9	6	J
14	498	10.9	47	J	13.3	-3	238	-6.9	-10.5	-3.4	3	J
15	481	14.6	45	J	11.1	9	226	-7.4	-7.8	-0.6	3	J
16	495	15.4	42	J	10.3	3	254	-2.7	-8.9	-2.6	4	J
17												
18												
19	484	15.1	33	J	11.2	13	241	-5.1	-9.3	-2.3	2	J
20	484	17.0	33	J	11.8	27	227	-6.5	-8.5	0.6	5	J
21	483	14.9	40	J	13.6	29	220	-8.6	-9.5	1.3	4	J
22	475	14.5	39	J	15.8	18	145	-10.1	3.6	7.3	9	J
23	476	17.7	33	J	16.1	7	124	-8.8	9.7	9.0	2	J
24												

MAR. 29, 1989 (088)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4	571	9.9	301	J	13.4	4	311	7.3	-7.9	-3.1	7	J
5	575	7.8	212	J	11.1	-5	310	6.4	-6.6	-3.9	5	J
6	564	7.2	144	J	10.8	7	345	9.6	-2.8	0.2	4	J
7	575	6.7	146	J	9.2	-8	336	7.0	-2.6	-2.0	5	J
8	562	7.1	107	J	9.8	-11	342	8.3	-2.1	-2.4	4	J
9	568	6.6	188	J	9.9	-23	334	7.1	-2.6	-4.1	5	J
10	543	5.7	129	J	9.7	2	346	8.5	-2.1	-0.2	4	J
11	535	5.6	128	J	8.9	-6	343	8.2	-2.3	-1.4	2	J
12	558	6.4	175	J	10.3	-16	305	5.3	-6.9	-4.2	3	J
13	546	5.4	175	J	10.4	3	317	6.4	-5.9	-0.9	5	J
14	577	5.4	187	J	10.9	-4	296	4.0	-7.8	-2.7	6	J
15	578	3.8	213	J	13.6	-16	314	8.3	-7.3	-5.8	5	J
16					14.9	-26	307	7.8	-7.7	-9.5	3	J
17					14.0	-9	307	8.0	-9.0	-6.0	4	J
18					13.0	-4	317	9.1	-7.3	-4.4	3	J
19					11.0	-45	301	3.9	-2.1	-9.8	2	J
20	717	3.5	272	J	11.1	-36	286	2.3	-3.8	-9.4	4	J
21	699	3.4	195	J	12.0	-15	294	4.5	-6.9	-8.0	4	J
22	696	3.1	119	J	12.6	4	291	4.4	-10.0	-5.7	3	J
23												
24												

MAR. 30, 1989 (089)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7	690	3.8	312	J	15.4	-9	13	11.5	3.1	-1.0	10	J
8	673	3.2	242	J	15.4	-19	9	13.4	3.3	-3.9	5	J
9	630	3.1	116	J	14.4	3	349	13.8	-2.8	0.1	2	J
10	628	3.2	92	J	13.7	-4	354	13.2	-1.2	-1.2	2	J
11	622	2.1	124	J	14.5	2	339	13.3	-5.1	-0.5	2	J
12	628	2.5	146	J	14.3	3	337	12.7	-5.4	-0.4	3	J
13	626	3.3	105	J	14.2	6	332	12.4	-6.7	0.0	2	J
14	626	3.5	94	J	13.0	10	341	11.4	-4.3	1.1	5	J
15	611	3.1	56	J	12.3	10	345	11.5	-3.6	1.1	2	J
16	611	4.3	35	J	13.8	18	3	12.3	-0.7	4.0	5	J
17	602	4.0	25	J	14.4	18	354	13.3	-3.0	3.5	3	J
18	605	3.8	32	J	14.6	6	339	13.0	-5.1	-0.8	4	J
19	630	5.7	119	J	11.2	-9	335	8.6	-2.8	-3.2	6	J
20	638	6.6	238	J	11.0	-3	321	7.5	-5.0	-3.6	5	J
21	637	6.3	162	J	11.2	28	346	8.7	-4.4	2.8	5	J
22	726	6.0	406	J	10.3	3	316	6.0	-5.0	-2.9	6	J
23	750	6.2	364	J	9.4	-12	303	3.8	-4.0	-4.6	6	J
24	737	6.2	304	J	9.4	24	314	5.0	-6.1	-0.3	5	J

MAR. 31, 1989 (090)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	702	5.4	192	J	9.5	10	335	7.8	-3.9	-0.7	4	J
2	742	5.2	245	J	9.5	-15	301	4.2	-4.8	-5.6	4	J
3	742	4.7	259	J	9.7	-7	291	3.3	-6.9	-5.1	3	J
4												
5												
6												
7												
8												
9												
10	712	4.2	197	J	7.6	-25	293	2.4	-5.0	-4.1	3	J
11	706	3.6	155	J	7.5	-18	304	3.7	-4.9	-3.2	3	J
12	687	3.7	99	J	7.6	-18	322	5.2	-3.6	-3.0	3	J
13	697	3.6	95	J	7.7	-13	305	4.0	-5.2	-2.8	3	J
14	691	3.7	96	J	8.0	-18	322	5.5	-3.6	-3.2	3	J
15	698	3.5	87	J	8.2	13	329	6.1	-4.0	0.5	4	J
16	758	3.9	197	J	6.9	26	337	3.6	-2.0	1.3	5	J
17	760	4.2	227	J	5.8	-14	334	3.8	-1.3	-1.7	4	J
18	762	4.3	233	J	6.2	-28	308	2.8	-2.2	-3.8	3	J
19	734	4.3	191	J	6.4	-11	354	5.0	0.0	-1.1	4	J
20	747	4.2	200	J	7.2	-9	307	3.5	-3.5	-3.2	4	J
21	696	4.7	340	J	7.4	4	337	5.9	-2.3	-1.0	4	J
22	719	4.0	148	J	6.9	2	330	4.8	-2.4	-1.4	4	J
23	749	5.1	188	J	7.7	14	294	2.8	-6.1	-2.1	3	J
24	743	4.9	180	J	7.9	38	297	2.6	-6.9	0.9	3	J

APR. 1, 1989 (091)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	726	4.9	190	J	8.1	14	295	3.0	-6.3	-2.0	3	J
2	697	4.7	111	J	8.0	1	316	5.2	-4.3	-2.5	3	J
3												
4												
5												
6												
7												
8												
9												
10												
11	765	2.4	223	J	7.5	9	306	3.6	-5.0	0.0	4	J
12	734	2.3	179	J	7.0	9	327	5.1	-3.4	0.3	3	J
13	741	2.2	179	J	6.9	7	323	4.8	-3.7	-0.1	3	J
14	780	2.4	192	J	6.2	1	276	0.5	-5.0	-1.2	3	J
15					5.6	-9	321	3.4	-2.4	-1.4	3	J
16	715	2.4	239	J	5.8	2	332	4.7	-2.4	-0.6	2	J
17	694	2.2	139	J	6.0	-4	326	4.5	-2.7	-1.5	2	J
18	683	2.5	104	J	5.8	-9	326	4.2	-2.2	-1.9	3	J
19	682	2.5	69	J	5.8	-10	322	4.0	-2.3	-2.2	3	J
20	700	2.8	129	J	5.4	-18	353	3.1	0.2	-1.1	4	J
21	688	2.7	88	J	5.5	4	2	4.0	0.0	0.3	4	J
22	703	2.9	121	J	5.6	14	303	2.2	-3.4	-1.1	4	J
23	650	2.8	119	J	5.7	13	324	4.1	-3.1	-0.7	2	J
24	633	3.2	146	J	5.9	13	347	5.0	-1.6	0.3	3	J

APR. 2, 1989 (092)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	619	3.8	192	J	6.2	9	345	5.2	-1.6	0.0	3	J
2	621	4.3	195	J	6.0	15	344	4.3	-1.7	0.4	4	J
3	629	4.1	161	J	5.8	13	331	4.3	-2.7	-0.2	3	J
4												
5												
6												
7												
8												
9												
10												
11												
12	652	4.4	151	J	5.7	14	294	1.9	-4.4	0.3	3	J
13	633	4.4	144	J	6.1	-16	329	3.9	-2.0	-1.8	4	J
14	645	4.2	131	J	6.0	12	313	3.2	-3.6	0.1	4	J
15	639	4.1	89	J	6.2	-2	317	3.7	-3.2	-1.1	4	J
16	632	4.0	83	J	6.1	15	315	3.5	-3.7	0.1	3	J
17	624	3.6	79	J	5.7	-3	333	3.6	-1.6	-0.9	4	J
18	620	3.5	80	J	6.0	-2	340	4.2	-1.3	-0.8	4	J
19	605	3.5	96	J	6.5	14	325	4.8	-3.6	-0.3	3	J
20	599	3.4	95	J	6.8	23	331	5.0	-3.6	0.7	3	J
21	627	2.3	93	J	7.6	36	330	5.0	-4.7	2.0	3	J
22	694	2.4	139	J	6.0	47	79	0.7	0.8	5.2	3	J
23	662	2.6	198	J	6.3	23	342	4.7	-2.5	0.9	3	J
24					6.0	-1	19	4.3	1.3	0.8	4	J

89-04-03 - 89-04-15

APR. 3, 1989 (093)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	649	2.2	140	J	6.2	18	337	4.1	-2.3	0.3	4	J
2	661	2.2	113	J	6.4	21	304	2.9	-4.7	-0.5	3	J
3	636	2.5	142	J	6.2	2	325	3.8	-2.4	-1.2	4	J
4	615	2.5	80	J	6.1	-5	346	5.1	-0.9	-1.0	3	J
5	631	2.6	97	J	6.3	26	323	3.7	-3.5	1.0	4	J
6												
7												
8												
9												
10												
11												
12												
13	540	4.2	68	J								
14	539	4.9	125	J								
15	517	5.0	106	J								
16												
17												
18												
19												
20												
21												
22												
23												
24												

APR. 9, 1989 (099)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6	503	4.2	65	J								
7	498	2.8	62	J								
8	484	4.2	60	J								
9	480	4.0	68	J								
10	477	4.0	54	J								
11	491	3.5	32	J	4.1	-7	216	-3.1	-2.1	-0.9	2	J
12	481	3.7	32	J	3.5	17	232	-1.9	-2.5	0.5	1	J
13	478	3.4	29	J	3.2	5	225	-2.2	-2.2	-0.2	1	J
14	463	3.6	41	J	2.8	-8	201	-2.5	-0.8	-0.6	1	J
15	472	4.6	37	J	2.3	1	233	-1.3	-1.6	-0.4	1	J
16												
17												
18												
19												
20												
21												
22												
23	424	6.2	30	J	4.9	-23	44	3.2	3.7	0.1	0	J
24	419	6.9	47	J	4.4	-18	39	3.2	2.9	0.3	1	J

APR. 10, 1989 (100)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	423	5.8	33	J	3.6	-21	192	-3.2	0.1	-1.4	1	J
2	425	5.0	28	J	4.6	-14	197	-4.2	-0.5	-1.6	1	J
3	420	4.7	31	J	4.9	8	205	-4.0	-2.0	-0.3	2	J
4	416	4.3	34	J	4.5	13	207	-3.8	-2.2	0.1	1	J
5	418	4.0	40	J	4.4	4	195	-4.1	-1.1	-0.1	1	J
6	417	4.0	40	J	4.3	-13	183	-4.1	0.1	-1.0	1	J
7	397	3.6	53	J	3.6	-24	190	-2.2	-0.1	-1.1	3	J
8	386	3.6	61	J	3.4	-49	137	-1.0	1.3	-1.3	3	J
9					3.9	13	233	-2.1	-2.8	0.2	2	J
10	398	4.3	40	J	4.1	26	227	-2.5	-2.9	1.2	1	J
11	397	4.7	41	J	4.0	-30	216	-2.5	-1.4	-2.0	2	J
12	391	5.2	43	J	3.5	-17	226	-2.1	-1.9	-1.3	2	J
13	388	5.4	34	J	3.3	32	236	-1.2	-2.1	1.0	2	J
14	387	5.9	19	J	3.8	-3	216	-2.4	-1.7	-0.6	2	J
15	385	6.2	15	J	4.0	-27	227	-2.3	-1.9	-2.3	1	J
16	384	6.2	18	J	3.9	-27	210	-2.8	-1.0	-2.1	2	J
17												
18												
19												
20												
21												
22												
23	367	6.3	22	J	4.1	-4	246	-1.4	-2.5	-1.9	2	J
24	364	6.7	27	J	3.9	31	222	-2.2	-2.6	0.4	2	J

APR. 11, 1989 (101)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	367	6.5	33	J	3.9	-16	208	-3.1	-0.9	-1.7	2	J
2	369	7.1	22	J	4.1	25	215	-2.9	-2.6	0.4	1	J
3	363	7.4	29	J	4.0	-23	220	-2.6	-1.3	-2.3	2	J
4	361	7.3	35	J	3.7	-23	228	-2.2	-1.6	-2.3	1	J
5	341	7.0	29	J	3.8	-41	7	2.5	1.1	-1.9	2	J
6	338	7.4	26	J	4.3	0	15	4.1	1.0	0.4	1	J
7	338	7.6	22	J	3.9	10	329	3.0	-1.9	0.1	2	J
8	342	8.7	21	J	4.1	-7	286	1.1	-3.5	-1.4	1	J
9	349	10.0	22	J	4.6	24	246	-1.3	-3.2	0.8	3	J
10	349	9.9	29	J	4.4	-6	247	-1.5	-3.4	-1.1	2	J
11	347	10.3	26	J	4.1	9	235	-2.0	-2.9	0.0	2	J
12	340	10.8	18	J	4.7	75	298	0.5	-1.7	3.9	2	J
13	339	11.3	24	J	4.7	20	292	1.4	-3.6	0.6	3	J
14	349	12.2	31	J	5.6	12	268	-0.2	-5.0	-0.1	3	J
15	386	19.3	62	J	10.6	24	266	-0.6	-9.4	1.4	6	J
16	440	41.2	112	J	15.1	21	270	0.0	-14.7	0.7	4	J
17	439	34.6	92	J	21.5	45	331	11.0	-10.3	9.5	12	J
18	430	32.4	78	J	20.7	38	4	16.1	-4.2	12.0	3	J
19	414	29.9	66	J	18.8	41	5	14.1	-4.5	11.5	2	J
20	398	31.8	59	J	16.2	44	25	10.2	-1.3	11.8	5	J
21	394	33.7	68	J	13.3	29	56	6.4	4.7	10.4	3	J
22	395	32.1	108	J	12.7	0	88	0.4	10.3	6.7	4	J
23	392	13.7	141	J	17.0	-1	90	0.0	12.9	8.2	7	J
24	393	12.8	161	J	15.9	6	80	2.7	11.9	9.6	3	J

APR. 12, 1989 (102)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	421	11.7	261	J	15.8	10	91	-0.2	10.6	9.5	7	J
2	437	11.7	279	J	15.4	-1	97	-1.8	13.0	7.2	3	J
3	433	9.9	267	J	15.4	-9	106	-4.1	13.8	4.6	3	J
4	410	10.7	252	J	15.0	-13	111	-5.2	13.6	2.7	2	J
5	408	10.1	175	J	15.1	4	103	-3.3	12.7	6.3	4	J
6	414	9.5	93	J	15.2	30	70	4.4	8.9	11.0	3	J
7	407	6.0	85	J	15.1	40	75	2.8	7.3	11.5	6	J
8	394	3.6	89	J	14.8	27	91	-0.2	11.0	9.6	2	J
9	411	5.6	98	J	13.8	15	103	-2.9	11.7	6.1	3	J
10	414	7.4	79	J	12.8	19	102	-2.5	10.7	6.2	3	J
11	437	7.0	90	J	11.8	24	105	-2.7	9.2	6.4	2	J
12	434	6.7	146	J	10.9	19	129	-6.2	7.0	4.7	3	J
13	437	6.0	182	J	10.1	9	135	-6.9	6.5	2.9	2	J
14	428	5.7	146	J	10.0	-3	144	-7.8	5.7	0.8	3	J
15	432	5.7	77	J	10.0	4	129	-6.1	7.1	2.6	2	J
16	419	6.6	75	J	9.3	0	131	-5.8	6.4	2.1	3	J
17	406	6.5	49	J	9.4	-12	148	-7.6	5.1	-0.1	2	J
18	409	9.0	45	J	8.6	-7	132	-5.3	5.8	1.5	3	J
19	424	10.7	51	J	8.2	25	96	-0.8	4.9	6.4	2	J
20	423	13.4	62	J	7.8	42	73	1.6	2.1	7.0	2	J
21	419	12.8	46	J	8.3	40	52	3.8	1.4	7.0	2	J
22	413	11.1	46	J	8.7	30	36	6.1	1.4	6.1	1	J
23	392	12.0	60	J	8.0	-1	140	-5.8	4.2	2.6	3	J
24	392	9.6	43	J	8.2	15	110	-2.1	4.0	4.6	5	J

APR. 13, 1989 (103)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	392	9.9	48	J	8.6	26	86	0.3	2.9	4.6	7	J
2	377	12.2	85	J	7.5	-26	162	-6.2	3.3	-1.7	2	J
3	397	14.1	42	J	7.9	70	130	-1.5	-1.4	6.7	4	J
4	390	15.6	48	J	7.9	72	141	-1.7	-1.6	6.5	4	J
5	390	12.0	53	J	8.5	30	215	-2.8	-2.5	1.1	8	J
6	408	5.6	26	J	11.2	-45	175	-7.8	3.2	-7.2	1	J
7												
8												
9												
10	399	4.7	25	J	10.5	-48	152	-6.1	4.6	-7.0	2	J
11	390	5.3	26	J	10.1	-42	141	-5.7	5.7	-5.7	2	J
12	398	4.1	24	J	10.1	-45	135	-5.0	6.2	-6.1	2	J
13	390	4.6	35	J	9.9	-42	146	-6.0	5.2	-5.6	2	J
14	388	5.6	52	J	9.0	-39	162	-6.5	3.3	-4.9	2	J
15	390	6.7	111	J	7.9	-37	177	-5.8	1.4	-4.2	3	J
16	396	6.2	140	J	7.3	-28	145	-4.8	4.2	-2.0	3	J
17	410	5.5	111	J	6.9	-45	115	-1.8	5.1	-2.6	3	J
18	417	5.1	121	J	7.3	-39	99	-0.8	6.2	-1.7	3	J
19	415	4.7	93	J	6.8	-26	106	-1.5	5.7	0.0	3	J
20	402	4.3	116	J	6.2	-38	138	-3.2	4.2	-1.5	3	J
21	401	4.1	131	J	5.7	-22	121	-2.3	4.2	0.5	3	J
22	379	4.6	103	J	5.8	-16	166	-5.3	2.0	-0.6	1	J
23	420	7.5	387	J	8.8	-1	155	-7.3	2.9	1.7	4	J
24	458	8.2	252	J	12.6	-33	127	-6.1	10.3	-1.2	4	J

APR. 14, 1989 (104)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	471	7.6	186	J	13.1	-38	116	-4.5	11.9	-2.0	2	J
2												
3												
4												
5												
6												
7												
8												
9												
10												
11	446	19.9	81	J	9.3	11	143	-6.3	4.4	2.3	5	J
12	436	22.5	84	J	9.2	-5	134	-5.9	6.1	0.3	3	J
13	424	22.4	55	J	8.5	-28	133	-4.7	5.6	-2.6	4	J
14	422	21.9	60	J	7.7	7	122	-0.9	1.4	0.5	8	J
15	434	26.3	65	J	7.0	80	78	0.2	-0.5	5.5	5	J
16	446	32.0	58	J	6.7	70	114	-0.7	0.1	4.7	5	J
17	444	15.8	30	J	13.5	47	292	3.3	-10.9	5.9	5	J
18	437	6.3	30	J	15.1	23	287	3.7	-13.2	0.0	6	J
19					14.8	-27	292	4.9	-7.8	-11.5	1	J
20												
21												
22												
23	410	5.5	21	J	11.4	-80	156	-1.5	5.6	-7.4	6	J
24					10.6	-56	124	-3.2	8.6	-4.6	2	J

APR. 15, 1989 (105)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					10.3	-56	134	-3.4	6.8	-4.4	5	J
2					11.1	-75	294	1.1	2.7	-9.6	5	J
3					10.4	-60	90	0.0	8.5	-5.5	2	J
4					8.9	-75	114	-0.8	4.7	-5.9	5	J
5					8.6	-71	286	0.8	0.5	-8.5	1	J
6												
7												
8												
9												
10												
11												
12												
13					8.0	-36	143	-5.0	4.5	-3.7	2	J
14					7.7	-31	137	-4.4	4.8	-2.6	3	J
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

89-04-22 - 89-04-29

APR. 22, 1989 (112)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21	327	7.4	17	J	11.8	6	232	-7.1	-8.5	-3.5	2	J
22	317	7.5	19	J	11.5	9	227	-7.7	-8.0	-2.7	2	J
23	334	7.9	23	J	11.7	1	256	-2.5	-8.8	-5.2	5	J
24	332	10.2	20	J	11.7	20	249	-3.9	-10.7	-1.8	2	J

APR. 23, 1989 (113)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3	343	13.0	12	J	10.6	63	215	-3.9	-6.5	7.2	1	J
4	347	10.4	7	J	10.2	66	208	-3.6	-5.4	7.7	2	J
5	337	11.3	19	J	9.1	52	215	-4.4	-5.3	5.4	2	J
6	330	13.0	9	J	9.1	38	177	-7.0	-1.3	5.3	2	J
7	330	16.8	22	J	8.7	10	170	-7.4	0.9	1.6	4	J
8	338	14.1	20	J	9.7	-7	138	-6.9	6.3	0.2	2	J
9	332	15.5	15	J	9.6	3	143	-7.3	5.4	1.4	2	J
10					10.3	52	171	-6.1	-0.2	7.9	3	J
11					11.4	7	162	-10.6	3.2	1.8	2	J
12	332	18.1	9	J	12.1	-14	162	-11.0	3.9	-2.3	2	J
13	336	24.0	22	J	11.3	-23	204	-9.3	-3.4	-4.9	3	J
14	331	14.4	38	J	11.0	-41	198	-7.7	-1.1	-7.4	3	J
15	325	14.5	32	J	11.1	-39	197	-8.2	-0.9	-7.3	2	J
16	324	16.0	20	J	10.9	-39	199	-7.9	-0.7	-7.3	2	J
17												
18												
19												
20												
21												
22	377	17.0	27	J	9.1	-17	153	-7.7	4.7	-0.2	1	J
23	375	14.5	28	J	9.8	-20	165	-8.6	3.7	-1.6	2	J
24	378	13.5	35	J	9.7	-5	162	-9.0	2.9	0.8	2	J

APR. 24, 1989 (114)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	367	9.3	27	J	10.2	-7	151	-8.4	4.6	1.3	3	J
2	369	10.1	37	J	11.1	-14	146	-8.4	6.2	0.4	3	J
3	371	9.0	27	J	10.9	-19	145	-8.2	6.7	-0.6	3	J
4	363	10.3	24	J	10.8	-12	157	-9.3	4.5	-0.4	3	J
5	365	8.3	19	J	10.5	5	152	-8.8	4.1	2.4	3	J
6	364	8.9	25	J	10.7	9	141	-7.9	5.7	3.4	3	J
7	366	8.0	20	J	11.2	22	137	-7.1	5.4	5.4	4	J
8	376	8.7	19	J	11.3	6	130	-6.5	7.3	2.6	5	J
9	360	8.3	19	J	10.9	-4	136	-7.6	7.4	0.5	2	J
10	361	8.5	20	J	11.2	9	131	-7.1	7.8	2.9	2	J
11	354	13.5	29	J	10.9	-3	114	-4.1	9.3	0.7	4	J
12	356	15.3	29	J	12.4	-3	105	-3.1	11.6	1.0	3	J
13	351	14.7	35	J	14.8	7	124	-7.3	10.5	3.3	7	J
14	350	13.3	25	J	13.4	55	137	-5.3	2.9	11.1	5	J
15	348	13.0	29	J	12.0	36	124	-4.8	5.5	7.6	6	J
16	341	11.3	35	J	11.4	4	136	-6.7	6.1	2.4	6	J
17	351	12.6	53	J	9.7	20	157	-5.4	1.5	2.8	8	J
18	354	11.9	63	J	9.3	18	146	-5.0	2.4	3.1	7	J
19	357	11.5	56	J	11.5	14	128	-6.5	6.4	5.9	4	J
20	364	11.4	62	J	11.7	-4	125	-6.4	8.5	3.6	3	J
21	364	12.6	92	J	11.4	2	131	-6.8	6.6	4.2	4	J
22	366	12.2	93	J	11.7	-23	131	-6.9	9.2	0.2	3	J
23	372	12.6	120	J	11.5	-30	132	-6.3	8.8	-1.0	4	J
24	360	12.9	132	J	11.4	-23	162	-8.8	4.4	-1.9	5	J

APR. 25, 1989 (115)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	393	15.4	160	J	11.3	47	117	-2.7	1.5	8.2	7	J
2	376	14.0	137	J	12.1	-12	136	-7.7	7.7	1.5	5	J
3	384	14.6	140	J	12.8	-9	133	-7.5	8.1	1.9	6	J
4	381	14.5	140	J	12.9	1	139	-7.8	6.2	2.8	8	J
5	380	14.5	138	J	13.4	-19	138	-8.7	8.7	-1.2	5	J
6	407	14.9	128	J	13.8	-5	120	-5.8	9.9	1.9	7	J
7	414	15.7	111	J	14.7	-5	114	-4.5	10.0	1.5	10	J
8	388	15.8	115	J	14.4	-4	138	-9.1	8.2	0.8	8	J
9	389	17.4	102	J	15.0	11	135	-9.1	8.6	4.0	7	J
10	375	15.3	64	J	16.6	-5	152	-14.1	7.6	-0.3	5	J
11	414	32.7	106	J	12.5	51	122	-3.0	3.8	7.6	9	J
12	427	33.7	100	J	13.5	40	91	-0.2	8.1	8.9	7	J
13	402	38.0	96	J	11.5	-25	157	-8.3	4.1	-3.6	6	J
14	402	44.8	60	J	14.8	-6	176	-14.5	1.3	-1.3	3	J
15	393	48.3	141	J	13.4	18	162	-11.8	2.8	4.8	3	J
16	400	44.8	135	J	13.5	8	168	-12.0	2.0	2.4	6	J
17	411	50.2	165	J	14.1	-6	341	7.7	-2.2	-1.7	12	J
18	420	34.2	129	J	18.5	-30	306	8.1	-7.3	-11.6	9	J
19	447	36.4	146	J	19.8	23	308	3.4	-4.9	0.3	19	J
20	460	50.8	116	J	15.2	-60	148	-5.5	8.2	-8.3	8	J
21	456	37.1	122	J	18.9	-34	290	4.8	-6.8	-14.8	9	J
22	447	23.1	100	J	22.5	-6	306	12.7	-13.9	-10.9	5	J
23	466	19.8	99	J	22.1	-20	300	10.1	-11.2	-15.2	5	J
24	478	17.6	150	J	20.8	-24	301	9.6	-9.6	-15.3	4	J

APR. 26, 1989 (116)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	501	15.7	167	J	19.6	-4	315	12.9	-10.6	-7.4	7	J
2	555	11.8	222	J	20.5	28	329	14.8	-12.2	4.0	6	J
3	559	12.4	270	J	20.1	7	320	13.5	-11.1	-2.8	10	J
4	593	12.9	339	J	18.3	15	325	12.7	-9.8	0.5	9	J
5	601	14.3	336	J	16.0	-16	325	11.3	-6.2	-6.4	7	J
6	625	14.1	406	J	15.1	-45	341	7.6	-0.2	-8.4	10	J
7	661	9.2	360	J	12.9	56	299	2.7	-6.8	7.0	8	J
8	640	8.2	246	J	11.8	17	336	7.8	-3.9	1.9	8	J
9	624	7.3	160	J	11.3	25	346	9.1	-3.0	4.0	5	J
10	631	6.5	174	J	10.7	-12	316	7.0	-6.4	-3.0	4	J
11	626	6.7	153	J	10.3	6	342	8.4	-2.8	0.6	5	J
12	646	6.5	206	J	10.1	4	304	5.1	-7.6	-0.4	4	J
13	617	5.9	87	J	9.5	-11	341	8.2	-2.5	-2.1	3	J
14	613	6.1	92	J	9.8	1	338	8.5	-3.4	-0.4	3	J
15	616	6.0	104	J	10.0	11	351	8.0	-1.6	1.3	6	J
16	615	6.5	116	J	9.6	-5	325	7.2	-4.6	-2.1	4	J
17	614	6.5	104	J	9.5	9	330	7.3	-4.4	-0.1	4	J
18	605	6.6	92	J	9.0	-12	342	7.5	-1.6	-2.5	4	J
19	621	6.6	98	J	9.6	-5	310	5.7	-5.8	-3.6	4	J
20	612	6.6	103	J	10.0	-1	317	6.9	-5.7	-3.1	3	J
21	609	6.4	104	J	10.2	-12	315	6.7	-4.9	-5.0	3	J
22	607	6.3	122	J	9.8	-7	320	6.5	-4.2	-3.6	5	J
23	600	6.0	139	J	9.8	-1	324	7.4	-4.5	-2.9	3	J
24	619	6.1	157	J	9.6	-16	304	4.7	-4.8	-5.6	4	J

APR. 27, 1989 (117)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	605	5.6	131	J	9.0	-10	316	5.9	-4.3	-4.0	3	J
2	626	5.7	148	J	9.3	-9	297	3.8	-6.0	-4.6	4	J
3	621	5.8	135	J	9.6	-24	295	3.6	-5.3	-6.6	3	J
4	599	6.4	138	J	9.3	-2	316	5.0	-4.4	-2.1	6	J
5	575	6.5	90	J	9.0	-7	329	6.2	-3.2	-2.1	5	J
6	583	7.2	123	J	9.1	-12	312	4.9	-4.8	-3.0	5	J
7	589	7.0	112	J	9.0	-8	301	4.3	-6.7	-2.8	3	J
8	568	7.6	121	J	8.9	1	327	6.6	-4.2	-0.7	4	J
9	573	7.8	120	J	9.0	-28	332	6.3	-2.7	-4.3	4	J
10												
11	578	8.9	166	J	8.4	12	326	6.0	-4.2	1.0	4	J
12	609	8.7	146	J	8.7	27	306	3.3	-4.9	2.3	6	J
13	601	8.4	144	J	8.7	15	307	4.6	-6.3	1.2	4	J
14	609	7.8	144	J	8.0	21	326	5.9	-4.4	2.0	3	J
15	606	7.8	155	J	7.5	-16	339	6.2	-1.9	-2.4	3	J
16	629	7.5	215	J	6.6	7	329	3.9	-2.4	-0.1	5	J
17	635	7.0	233	J	7.7	-30	294	2.3	-3.9	-4.8	4	J
18	620	6.6	187	J	8.0	-17	320	4.9	-3.1	-3.3	4	J
19	663	6.0	253	J	7.7	-58	301	1.4	-0.3	-5.1	6	J
20	652	5.6	184	J	8.0	-21	318	4.2	-2.4	-3.7	5	J
21	625	5.7	144	J	8.1	2	325	5.6	-3.5	-1.7	4	J
22	653	6.4	210	J	8.3	-22	313	3.8	-2.4	-4.0	6	J
23	659	6.1	256	J	8.0	-11	302	3.7	-4.5	-4.2	3	J
24	641	5.7	168	J	7.8	2	335	5.4	-2.3	-1.1	5	J

APR. 28, 1989 (118)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	630	5.2	151	J	7.9	-13	350	6.3	-0.3	-1.8	4	J
2	655	5.2	191	J	8.0	32	26	5.2	0.6	4.4	4	J
3	639	5.0	117	J	8.8	-2	320	6.1	-4.6	-2.4	4	J
4	650	5.3	158	J	8.6	12	310	5.0	-6.2	-0.7	3	J
5	636	5.5	115	J	8.5	8	0	7.6	-0.3	1.0	4	J
6	660	4.6	136	J	8.5	-2	325	4.8	-3.2	-1.1	6	J
7	661	4.9	205	J	7.4	5	332	4.4	-2.4	-0.1	5	J
8	662	4.6	195	J	7.1	15	330	4.6	-2.9	0.9	4	J
9	687	4.6	164	J	7.3	-17	299	2.5	-4.3	-2.3	5	J
10	672	4.5	130	J	7.0	10	322	4.3	-3.5	0.5	4	J
11	677	4.4	117	J	7.0	-33	322	3.2	-2.2	-3.0	5	J
12	671	4.7	173	J	7.2	-9	314	4.2	-4.2	-1.5	4	J
13	666	4.3	159	J	6.6	-26	39	3.4	3.0	-1.7	4	J
14	678	4.9	177	J	6.4	-48	19	2.7	1.5	-3.0	5	J
15	676	4.6	140	J	7.1	-2	316	3.1	-2.9	-0.8	6	J
16	669	4.6	156	J	6.2	-24	326	3.5	-1.8	-2.4	4	J
17	678	4.7	167	J	5.8	37	322	2.6	-2.7	1.7	4	J
18	676	4.8	175	J	6.4	-12	299	2.4	-3.6	-2.5	4	J
19	662	4.8	194	J	6.5	7	323	4.3	-3.2	-0.7	4	J
20	657	4.7	189	J	6.5	23	341	4.9	-2.5	1.2	3	J
21	632	5.4	197	J	7.2	-1	5	6.4	0.5	0.2	3	J
22	656	4.5	155	J	6.5	-18	327	4.1	-1.5	-2.7	4	J
23	646	5.2	221	J	6.6	0	343	4.8	-1.3	-0.7	4	J
24	674	5.2	165	J	7.2	8	72	1.9	4.6	3.7	3	J

APR. 29, 1989 (119)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	645	5.5	180	J	6.7	9	39	3.9	2.4	2.2	4	J
2	622	5.2	109	J	6.9	3	354	6.0	-0.7	0.0	3	J
3	622	5.0	111	J	6.9	4	346	5.9	-1.5	-0.2	3	J
4	625	5.2	96	J	8.0	-1	323	5.9	-4.1	-1.8	4	J
5	643	4.9	142	J	7.3	17	325	4.6	-3.6	0.6	4	J
6	686	4.8	286	J								
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

89-05-04 - 89-05-11

MAY. 4, 1989 (124)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23	498	6.5	76	J								
24	497	6.9	100	J								

MAY. 5, 1989 (125)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	604	15.4	379	J								
2												
3												
4												
5												
6					10.9	-16	271	0.1	-7.3	-4.2	7	J
7	579	13.6	216	J	10.5	12	234	-4.3	-6.0	0.4	8	J
8	612	9.3	352	J	12.5	31	250	-3.5	-10.4	4.6	3	J
9	598	9.8	273	J	11.7	31	272	0.3	-8.4	3.8	7	J
10	612	8.1	364	J	10.9	9	275	0.8	-9.1	0.6	6	J
11	610	7.3	363	J								
12	599	8.2	350	J	7.8	17	264	-0.6	-6.1	1.3	5	J
13	596	7.2	320	J	6.8	42	251	-1.6	-5.0	3.9	2	J
14	588	6.1	316	J	7.4	55	275	0.3	-4.7	5.1	3	J
15												
16												
17												
18												
19												
20												
21					3.5	37	289	0.9	-3.1	0.6	1	J
22	556	4.6	125	J	4.3	15	319	2.4	-2.2	-0.2	2	J
23	544	4.6	125	J	5.2	28	322	3.2	-3.2	0.7	2	J
24	557	5.3	72	J	4.5	14	293	1.3	-3.2	-0.7	3	J

MAY. 6, 1989 (126)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	539	6.5	74	J	4.5	18	311	2.3	-2.9	-0.2	2	J
2	528	6.8	96	J	5.2	17	322	3.5	-3.1	0.1	2	J
3												
4	515	6.3	71	J	5.3	-11	336	4.4	-1.5	-1.5	2	J
5	511	6.0	70	J	5.4	-9	331	4.3	-2.1	-1.4	2	J
6	512	6.4	50	J	4.8	-3	308	2.3	-2.8	-0.9	3	J
7	511	5.2	37	J	5.7	15	281	1.0	-5.2	0.4	2	J
8	508	6.0	54	J	5.9	-9	303	2.7	-4.1	-1.4	3	J
9	503	5.8	65	J	6.0	2	317	4.1	-3.8	-0.2	2	J
10												
11												
12												
13												
14												
15												
16												
17	487	6.2	53	J	5.5	55	348	2.4	-1.5	3.2	3	J
18	464	6.0	90	J	5.7	36	337	2.9	-1.9	1.8	4	J
19	482	9.1	60	J	8.8	60	303	2.0	-5.3	4.7	5	J
20	493	9.5	41	J	9.4	27	242	-3.8	-8.2	0.7	3	J
21	484	10.2	37	J	8.7	19	238	-4.2	-7.2	-0.6	2	J
22	467	13.6	37	J	7.3	45	274	0.3	-5.9	1.8	4	J
23	463	11.1	49	J	7.0	36	16	5.1	-0.5	4.1	2	J
24	456	9.4	53	J	7.0	10	26	6.1	2.1	2.4	1	J

MAY. 7, 1989 (127)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	438	8.8	59	J	7.4	6	21	6.9	2.0	1.9	1	J
2	430	8.7	54	J	7.1	-1	15	6.9	1.7	0.7	1	J
3	425	7.4	39	J	6.8	-1	2	6.7	0.3	0.0	1	J
4	421	7.3	43	J	7.0	-5	3	6.9	0.5	-0.4	1	J
5	417	7.1	38	J	7.4	-10	8	6.8	1.3	-0.9	2	J
6	417	6.5	35	J	6.9	-11	8	6.4	1.2	-1.0	1	J
7	487	23.6	212	J	14.7	-26	324	7.6	-4.5	-5.5	11	J
8	501	21.4	186	J	14.5	-9	295	3.8	-7.8	-2.6	11	J
9	487	18.6	197	J	13.2	-27	340	8.1	-2.5	-4.7	9	J
10	505	16.4	242	J	11.8	17	307	3.1	-4.2	1.2	11	J
11	509	11.3	257	J	13.8	-19	294	5.1	-11.0	-5.1	4	J
12												
13												
14												
15												
16												
17												
18												
19	500	4.8	46	J	8.4	-20	316	5.6	-3.9	-4.7	1	J
20	485	5.7	85	J	8.6	-26	321	5.9	-2.8	-5.3	2	J
21												
22												
23	507	3.8	93	J	4.8	35	264	-0.4	-4.4	0.6	2	J
24	506	3.7	77	J	4.7	44	255	-0.7	-3.7	1.2	3	J

MAY. 8, 1989 (128)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	514	4.4	58	J	3.5	66	171	-1.3	-1.1	2.8	1	J
2	514	3.8	47	J	3.2	79	212	-0.5	-1.5	2.6	1	J
3	507	3.8	39	J	3.0	73	312	0.5	-1.4	2.0	2	J
4	504	5.6	102	J	3.3	62	273	0.1	-2.3	2.1	1	J
5					3.8	35	312	2.0	-2.8	1.4	1	J
6	493	3.5	25	J	3.7	24	284	0.7	-3.2	0.6	2	J
7	487	3.5	47	J	3.3	10	304	1.5	-2.3	0.1	2	J
8	467	3.2	92	J	3.5	11	4	3.3	0.1	0.7	1	J
9	463	3.6	61	J	3.2	-9	1	2.8	0.1	-0.4	1	J
10					3.3	-18	357	2.7	-0.1	-0.9	2	J
11	456	3.9	38	J	3.5	-15	356	3.0	-0.2	-0.8	1	J
12	459	3.9	32	J	3.1	4	324	2.3	-1.7	0.1	2	J
13	475	5.5	24	J	3.2	4	266	-0.2	-2.9	-0.1	1	J
14												
15												
16												
17												
18												
19												
20												
21	453	5.0	21	J	2.9	15	304	1.6	-2.4	-0.4	1	J
22	449	4.6	15	J	3.2	24	295	1.2	-2.9	-0.1	1	J
23	439	4.2	16	J	2.9	26	303	1.3	-2.3	0.1	1	J
24	444	3.9	17	J	2.9	29	300	1.3	-2.6	0.2	1	J

MAY. 9, 1989 (129)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	439	4.4	18	J	2.7	36	302	1.2	-2.4	0.6	1	J
2	437	4.9	20	J	2.5	43	296	0.8	-2.1	0.8	0	J
3	429	3.6	31	J	2.9	22	339	2.3	-1.2	0.6	1	J
4	423	3.6	31	J	3.7	-3	345	3.5	-0.8	-0.5	1	J
5	418	3.8	36	J	3.9	-6	347	3.7	-0.7	-0.6	1	J
6	403	6.3	65	J	3.3	-8	327	2.6	-1.5	-0.8	1	J
7	406	7.7	53	J	3.0	-14	328	2.3	-1.3	-0.9	1	J
8												
9					3.1	21	307	1.7	-2.4	0.9	0	J
10	409	7.1	20	J	3.0	31	278	0.3	-2.4	1.2	1	J
11	413	7.8	19	J	3.0	15	259	-0.5	-2.5	0.5	1	J
12	411	7.4	25	J	3.1	-21	330	2.1	-1.1	-1.0	2	J
13	413	8.5	20	J	3.6	50	276	0.2	-1.7	1.7	3	J
14	415	7.4	21	J	3.6	-1	251	-1.0	-3.0	-0.4	2	J
15	410	5.8	16	J	4.5	-3	248	-1.4	-3.4	-0.7	2	J
16	407	10.7	13	J	3.1	45	229	-1.4	-2.0	1.7	1	J
17	400	9.3	6	J	3.2	32	235	-1.5	-2.4	1.0	1	J
18	398	9.2	7	J	3.1	53	228	-1.2	-2.0	1.8	1	J
19	387	9.0	10	J	3.0	59	237	-0.8	-2.0	1.8	1	J
20					3.2	41	240	-1.2	-2.7	1.0	1	J
21	382	8.7	20	J	2.7	27	231	-1.4	-2.1	0.3	1	J
22	366	6.0	12	J	1.4	1	345	0.9	-0.2	-0.1	1	J
23	371	8.7	20	J	2.3	-11	340	2.1	-0.5	-0.7	0	J
24	366	7.5	10	J	2.3	-2	339	2.0	-0.6	-0.4	1	J

MAY. 10, 1989 (130)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	361	6.4	9	J	2.4	-4	359	2.1	0.0	-0.1	1	J
2	361	6.2	11	J	2.5	-1	359	2.3	0.0	-0.1	1	J
3	357	6.9	13	J	2.8	-15	358	2.6	0.2	-0.7	1	J
4	356	7.3	16	J	3.2	-14	359	3.0	0.2	-0.7	1	J
5	356	7.3	22	J	3.1	-15	350	2.9	-0.3	-0.9	1	J
6	352	7.5	30	J	3.0	-13	349	2.9	-0.4	-0.8	0	J
7	350	7.5	35	J	3.1	-14	347	2.9	-0.5	-0.9	0	J
8	346	7.9	47	J	3.1	-1	348	2.9	-0.6	-0.1	0	J
9												
10												
11												
12												
13												
14												
15												
16												
17	345	9.6	17	J	4.0	36	19	2.9	0.4	2.4	1	J
18	348	10.1	18	J	3.9	34	322	2.4	-2.4	1.4	1	J
19	348	11.2	27	J	4.1	-1	321	3.0	-2.3	-1.0	1	J
20	349	12.1	26	J	4.0	-12	317	2.9	-2.1	-1.8	1	J
21	348	13.4	17	J	3.4	-30	348	2.5	0.2	-1.6	2	J
22	345	13.6	18	J	3.6	-19	341	3.0	-0.4	-1.4	2	J
23	334	14.2	33	J	4.4	7	329	3.7	-2.2	-0.5	1	J
24	334	13.7	9	J	4.3	16	336	3.6	-1.9	0.3	1	J

MAY. 11, 1989 (131)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	335	14.3	14	J	4.6	21	313	2.8	-3.4	0.1	1	J
2	333	15.3	15	J	4.4	-3	327	3.4	-2.0	-1.1	2	J
3	335	17.1	12	J	4.8	18	338	3.8	-1.9	0.7	2	J
4	336	18.4	13	J	4.9	32	298	1.8	-4.0	1.2	2	J
5	334	17.6	8	J	5.0	21	304	2.5	-4.0	0.7	1	J
6	329	19.3	16	J	4.4	9	332	3.4	-1.9	0.2	2	J
7	327	20.1	15	J	4.5	-7	325	3.4	-2.3	-0.9	2	J
8	325	17.7	16	J	4.9	-17	330	3.6	-1.9	-1.5	2	J
9	326	18.0	15	J	4.2	-24	330	3.2	-1.7	-1.8	1	J
10	323	19.1	12	J	3.5	-34	335	2.5	-1.0	-1.9	1	J
11	324	18.9	11	J	3.2	-52	309	1.2	-1.3	-2.4	1	J
12	322	19.2	11	J	2.6	-53	327	1.3	-0.7	-2.0	1	J
13	316	17.9	7	J	2.3	-43	321	0.9	-0.6	-1.1	2	J
14	315	19.0	7	J	2.6	-75	187	-0.5	0.1	-1.9	2	J
15	311	17.6	7	J	2.9	-34	148	-1.9	1.4	-1.3	1	J
16	322	24.8	11	J	4.8	67	151	-1.6	0.0	4.3	2	J
17	328	31.0	15	J	5.7	31	156	-4.0	1.1	3.0	3	J
18	328	28.6	18	J	7.4	0	135	-4.3	4.1	1.3	4	J
19	335	31.4	15	J	5.8	-48	80	0.5	4.0	-2.0	4	J
20	333	32.1	19	J	4.8	-49	53	1.7	3.3	-2.0	3	J
21	329	30.6	23	J	5.4	31	146	-1.5	0.4	1.4	5	J
22	333	24.1	17	J	7.6	55	146	-3.3	-0.6	6.1	3	J
23	341	22.1	15	J	9.9	28	135	-6.0	3.3	6.7	2	J
24												

89-05-18 - 89-05-30

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAY. 18, 1989 (138)							
1												
2												
3												
4												
5												
6												
7	364	7.0	58	J	6.1	-6	171	-5.9	1.0	-0.5	1	J
8	379	5.9	39	J	6.7	-24	159	-5.0	2.1	-2.2	3	J
9	370	4.9	26	J	6.3	12	154	-5.2	2.5	1.3	2	J
10	365	6.0	35	J	6.7	16	159	-5.4	2.0	1.7	3	J
11	376	5.7	24	J	6.6	1	134	-3.8	3.9	0.1	4	J
12	376	5.9	29	J	6.7	3	144	-4.2	3.0	0.3	4	J
13	367	6.0	28	J	6.7	11	192	-5.5	-1.2	1.1	3	J
14	362	5.5	22	J	6.7	-7	162	-5.9	1.9	-0.6	2	J
15	364	5.4	20	J	6.6	-15	189	-6.0	-0.8	-1.7	2	J
16												
17												
18												
19												
20												
21												
22	381	6.9	23	J	6.3	-1	112	-2.1	4.8	2.1	3	J
23	367	6.4	29	J	5.8	-1	138	-3.9	3.3	1.4	2	J
24	357	6.5	29	J	6.1	13	162	-4.9	1.0	1.7	3	J
					MAY. 19, 1989 (139)							
1	353	5.7	28	J	5.7	9	153	-4.7	1.9	1.7	2	J
2	347	6.7	40	J	6.0	7	169	-5.6	0.8	1.0	2	J
3	353	6.9	35	J	6.2	3	159	-5.2	1.8	0.9	3	J
4	352	7.3	34	J	6.5	-9	153	-5.5	2.9	-0.2	2	J
5	343	7.0	39	J	6.2	-2	174	-6.0	0.7	-0.1	1	J
6	343	8.2	36	J	6.8	19	142	-5.0	3.5	2.8	1	J
7	347	7.8	50	J	6.4	10	150	-5.3	2.9	1.4	1	J
8	360	8.2	25	J	6.6	-5	123	-3.3	5.0	-0.1	3	J
9	378	11.3	65	J	6.7	-19	104	-1.5	6.0	-1.9	1	J
10	385	8.1	17	J	6.9	-26	90	0.0	5.8	-2.7	3	J
11	380	8.5	18	J	6.9	-21	95	-0.5	6.1	-2.3	2	J
12	363	8.3	23	J	6.5	-27	130	-3.6	4.3	-2.8	2	J
13	356	9.4	37	J	6.5	14	150	-4.5	2.5	1.3	4	J
14	351	10.4	57	J	6.5	31	160	-5.1	1.7	3.3	2	J
15	356	11.0	51	J	5.9	37	178	-4.4	-0.2	3.3	2	J
16	367	13.3	28	J	4.2	50	215	-2.1	-1.9	2.7	2	J
17	361	12.2	33	J	4.8	19	150	-2.2	1.1	1.1	4	J
18	358	11.0	32	J	4.9	-24	136	-3.0	3.2	-1.0	2	J
19	347	9.2	56	J	5.8	-15	137	-4.1	4.1	-0.2	1	J
20												
21												
22												
23	357	14.8	24	J	3.7	-18	181	-3.5	0.4	-1.1	1	J
24	353	14.4	23	J	3.9	-16	179	-3.7	0.5	-1.0	1	J
					MAY. 20, 1989 (140)							
1	349	14.4	19	J	4.0	-7	178	-4.0	0.3	-0.4	0	J
2	345	14.0	16	J	4.3	-25	182	-3.8	0.5	-1.7	1	J
3	346	14.5	14	J	4.0	-22	182	-3.6	0.3	-1.4	1	J
4	348	15.8	12	J	4.0	-26	176	-3.6	0.7	-1.6	1	J
5	347	16.4	13	J	4.4	-31	175	-3.8	0.8	-2.1	0	J
6	348	17.8	14	J	4.4	-21	181	-4.1	0.2	-1.6	1	J
7	344	17.0	11	J	4.6	-22	187	-4.0	-0.3	-1.7	1	J
8	344	18.0	11	J	4.7	-26	173	-4.1	0.6	-2.0	1	J
9	348	19.9	12	J	5.3	-34	185	-4.0	-0.2	-2.7	2	J
10	360	18.5	8	J	8.7	-41	197	-6.2	-1.8	-5.7	2	J
11	371	30.2	15	J	12.5	-42	165	-8.3	2.2	-7.8	5	J
12	365	25.9	24	J	12.7	-42	159	-8.0	3.1	-7.7	6	J
13	372	12.9	68	J	11.8	-5	119	-4.9	8.8	-0.7	6	J
14	372	9.4	64	J	12.1	-12	114	-4.6	10.5	-1.9	4	J
15	401	11.6	82	J	10.6	17	99	-1.2	7.1	2.9	7	J
16	398	10.7	43	J	10.6	66	357	3.0	-1.1	6.7	8	J
17	391	6.3	99	J	11.2	18	117	-4.5	8.1	5.0	4	J
18	395	6.5	84	J	11.1	-13	117	-4.5	9.1	0.1	5	J
19	390	5.9	80	J	10.5	-22	129	-6.0	8.2	-1.3	2	J
20	398	5.2	71	J	10.6	8	125	-5.9	7.4	4.4	2	J
21	400	4.9	59	J	10.8	0	123	-5.8	8.3	3.5	1	J
22	397	4.4	46	J	11.3	-4	127	-6.8	8.6	2.9	1	J
23	398	4.6	49	J	11.4	-6	127	-6.7	8.6	2.6	2	J
24												
					MAY. 21, 1989 (141)							
1	390	5.6	48	J	10.9	-2	136	-7.8	7.1	2.5	1	J
2	374	6.1	65	J	10.7	2	141	-8.2	6.1	2.6	2	J
3	364	11.2	29	J	9.1	17	134	-5.8	4.9	4.3	3	J
4	362	14.0	18	J	8.2	53	89	0.1	2.9	7.1	3	J
5	368	13.5	20	J	9.1	53	83	0.6	3.7	8.0	2	J
6	367	12.7	21	J	10.2	31	105	-1.9	6.4	5.6	5	J
7	366	6.5	41	J	11.7	-12	125	-6.5	9.4	-1.4	2	J
8	368	7.6	67	J	11.0	-30	138	-6.7	6.4	-4.8	4	J
9	373	7.0	86	J	10.7	-52	160	-5.8	2.4	-7.9	4	J
10	392	6.9	76	J	11.0	-28	115	-3.9	8.4	-4.9	4	J
11	404	6.8	73	J	11.4	-25	106	-2.7	9.6	-4.7	3	J
12	383	7.4	96	J	11.4	-21	125	-5.5	7.9	-3.7	5	J
13	380	7.2	91	J	11.5	-10	126	-6.4	8.8	-1.8	3	J
14	389	7.2	80	J	11.9	-3	118	-5.5	10.4	-0.2	1	J
15	380	7.5	93	J	11.7	-4	125	-6.5	9.3	0.0	2	J
16	362	8.8	139	J	11.5	2	136	-8.1	7.6	1.5	3	J
17	374	9.0	112	J	11.4	-3	127	-6.5	8.6	1.1	4	J
18	367	11.3	138	J	10.1	7	126	-5.2	6.6	2.9	5	J
19	385	10.7	109	J	9.2	0	112	-3.3	7.9	2.5	3	J
20	383	10.3	239	J	8.5	35	163	-5.6	0.2	4.5	5	J
21	393	10.8	175	J	8.2	47	192	-4.8	-3.0	4.5	4	J
22	381	10.3	181	J	9.2	13	136	-6.1	4.6	4.1	3	J
23	389	10.0	125	J	10.0	-4	126	-5.8	7.6	2.6	1	J
24	389	9.8	119	J	10.5	-2	122	-5.5	8.2	3.1	1	J
					MAY. 22, 1989 (142)							
1	390	9.9	128	J	10.8	-3	118	-4.9	8.8	2.9	3	J
2	386	9.9	126	J	10.7	-14	122	-5.5	9.1	0.6	2	J
3	389	9.7	126	J	10.6	-19	126	-5.8	8.7	-0.8	1	J
4	386	9.6	121	J	10.5	-15	130	-6.5	8.2	-0.6	1	J
5	387	10.1	139	J	10.2	-13	130	-6.3	7.8	-0.7	2	J
6	400	9.6	164	J	10.5	0	117	-4.3	8.4	1.3	4	J
7	419	8.7	216	J	11.3	1	114	-4.4	9.8	1.2	3	J
8												
9												
10	418	8.7	150	J	10.6	49	114	-2.8	6.4	8.0	1	J
11	426	8.6	160	J	9.8	58	242	-1.4	-2.6	4.9	8	J
12	453	7.1	101	J	11.0	-7	289	3.4	-10.0	-1.2	3	J
13	457	7.4	100	J	10.1	1	293	3.7	-8.7	0.1	3	J
14	446	7.6	158	J	8.7	27	255	-1.5	-5.5	2.7	6	J
15	457	7.5	137	J	9.2	5	278	1.1	-8.1	0.1	4	J
16	420	7.3	236	J	9.0	33	180	-6.7	-0.6	4.3	4	J
17	414	6.5	174	J	8.9	25	155	-6.3	2.3	3.8	4	J
18	427	7.0	168	J	9.1	43	170	-5.5	-0.4	5.3	5	J
19	410	7.3	138	J	9.2	11	152	-7.7	3.4	2.9	3	J
20	433	6.2	124	J	10.5	-22	149	-6.8	4.9	-1.6	6	J
21	421	6.3	126	J	10.4	-21	191	-8.5	-0.3	-3.7	4	J
22	459	8.4	180	J	14.3	-23	143	-9.3	8.4	-1.8	7	J
23	449	8.6	184	J	13.4	-13	154	-10.9	6.0	-0.5	5	J
24	434	8.4	124	J	13.5	3	165	-12.4	2.8	1.9	4	J
					MAY. 23, 1989 (143)							
1	433	8.2	105	J	13.4	4	165	-12.3	2.7	2.0	4	J
2	483	9.2	116	J	13.7	36	110	-3.5	6.6	10.4	5	J
3	462	8.3	83	J	13.6	24	127	-7.3	7.7	8.0	3	J
4	459	7.7	94	J	13.3	9	116	-5.4	10.3	4.7	5	J
5	448	7.5	75	J	12.1	1	131	-7.3	8.2	1.9	4	J
6												
7												
8												
9												
10												
11												
12	410	17.9	51	J	8.9	35	135	-4.9	5.0	4.8	3	J
13	413	16.4	44	J	9.4	26	133	-5.1	5.5	3.7	4	J
14	455	48.7	137	J	10.4	-3	152	-7.6	4.0	-0.3	7	J
15	487	71.1	242	J	19.2	-15	155	-11.1	5.4	-2.9	15	J
16	507	46.3	284	J	14.8	-53	329	6.9	-2.8	-11.1	9	J
17	537	22.4	213	J	18.5	-5	326	13.8	-8.9	-3.1	9	J
18	578	9.2	579	J								
19	649	5.9	491	J	11.1	36	339	7.9	-4.7	5.0	3	J
20	623	5.1	390	J								
21	645	4.7	361	J								
22	638	4.1	269	J	9.3	-16	351	7.9	-0.3	-2.6	3	J
23	614	5.0	330	J								
24	633	5.0	334	J								
					MAY. 24, 1989 (144)							
1	670	5.0	441	J	9.8	-17	339	7.9	-1.9	-3.5	4	J
2	691	6.6	588	J	9.7	-7	323	6.9	-4.6	-2.7	4	J
3	712	7.0	404	J	10.0	-14	331	8.1	-3.6	-3.5	3	J
4	701	5.4	249	J	9.7	-22	341	8.2	-1.9	-4.1	3	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					MAY. 30, 1989 (150)							
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14					7.1	9	302	3.1	-5.0	1.0	3	J
15					7.9	-20	292	2.4	-6.0	-2.5	3	J
16												
17												
18												
19												
20												
21												
22												
23	432	7.5	78	J	7.0	-29	343	5.6	-0.5	-3.6	2	J
24	426	7.2	89	J	6.7	-10	322	4.7	-3.1	-2.2	2	J

89-05-31 - 89-06-13

MAY. 31, 1989 (151)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	440	7.4	61	J	6.2	4	279	0.8	-4.9	-1.3	3	J
2	436	7.4	48	J	6.4	-5	284	1.4	-5.1	-2.1	3	J
3	415	6.9	46	J	6.4	19	322	4.2	-3.7	1.0	3	J
4												
5	408	6.2	36	J	5.9	-22	350	5.0	-0.6	-2.2	2	J
6	397	5.9	33	J	6.3	-10	346	5.5	-1.3	-1.1	2	J
7	416	6.2	30	J	6.7	8	308	2.7	-3.5	0.5	5	J
8	429	6.3	29	J	7.2	23	272	0.2	-6.4	2.7	2	J
9	425	6.5	32	J	7.2	-8	273	0.4	-7.0	-0.7	2	J
10	422	6.6	35	J	7.1	2	280	1.1	-6.3	0.6	3	J
11	444	7.0	19	J	7.9	14	257	-1.6	-6.8	2.3	3	J
12	445	7.4	20	J	8.1	14	255	-2.0	-7.2	2.4	2	J
13	418	7.9	33	J	7.7	-8	293	2.7	-6.5	-0.6	3	J
14	412	7.2	35	J	7.2	-29	311	3.7	-4.3	-3.0	3	J
15	412	7.5	38	J	7.4	-39	312	3.5	-3.9	-4.3	3	J
16	415	7.7	27	J	8.2	-5	297	3.5	-6.9	-1.2	2	J
17	382	8.7	34	J	9.1	-5	336	7.6	-3.3	-1.2	3	J
18	375	8.1	25	J	9.1	-13	346	8.1	-1.6	-2.3	3	J
19												
20												
21												
22												
23												
24												

JUN. 1, 1989 (152)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7	447	9.6	76	J	5.8	25	284	1.1	-4.4	1.9	3	J
8	458	8.9	67	J	5.8	39	250	-1.5	-4.0	3.5	2	J
9	452	9.0	77	J	6.1	22	280	0.8	-4.3	2.0	4	J
10	453	8.7	78	J	6.5	-3	294	1.7	-3.9	0.0	5	J
11	470	8.8	37	J	6.6	24	245	-2.4	-5.0	3.0	2	J
12	464	8.4	51	J	6.5	-8	281	1.1	-5.8	-0.4	3	J
13	468	7.0	46	J	6.8	36	165	-5.2	1.6	3.8	2	J
14	457	6.6	63	J	5.9	14	272	0.1	-3.4	1.0	5	J
15	446	6.4	48	J	6.9	21	322	4.6	-3.6	2.2	3	J
16	443	7.1	68	J	7.2	-1	324	5.4	-3.9	-0.4	3	J
17	430	7.2	69	J	8.1	-17	334	6.5	-2.9	-2.6	3	J
18	457	7.2	71	J	7.2	-10	289	1.9	-5.3	-2.1	4	J
19	469	7.4	90	J	7.0	13	260	-0.9	-5.0	-0.1	5	J
20	445	7.2	110	J	6.4	8	295	2.0	-4.2	-0.6	4	J
21	458	6.9	79	J	6.7	19	276	0.6	-5.8	0.1	3	J
22	428	7.0	89	J	6.8	-28	306	3.0	-2.9	-3.9	4	J
23	417	6.3	61	J	6.6	-39	354	3.9	0.7	-3.1	4	J
24	425	6.5	86	J	6.2	5	296	2.2	-4.5	-1.1	4	J

JUN. 2, 1989 (153)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	424	6.3	73	J	6.2	27	296	2.2	-5.0	1.0	3	J
2	437	7.2	75	J	6.1	31	273	0.3	-5.7	1.5	2	J
3	448	10.2	81	J	7.4	23	272	0.2	-6.4	1.1	4	J
4	428	10.3	77	J	8.9	37	306	3.9	-6.2	3.9	3	J
5	435	9.7	64	J	9.4	42	286	1.8	-6.9	4.9	4	J
6	416	8.9	49	J	9.3	-20	291	3.0	-7.4	-3.6	3	J
7	391	7.8	45	J	8.7	-36	321	5.2	-4.1	-5.0	3	J
8	381	7.3	37	J	8.5	-36	328	5.7	-3.6	-4.8	2	J
9	395	6.1	28	J	9.1	0	315	5.2	-5.2	0.3	5	J
10	401	6.4	30	J	9.0	-13	302	4.2	-6.8	-1.3	4	J
11	430	9.4	58	J	10.6	-7	290	2.9	-8.1	-0.3	6	J
12	415	8.5	31	J	11.5	-32	305	4.9	-7.5	-4.7	6	J
13	414	9.9	28	J	11.5	-53	317	4.5	-4.8	-7.9	5	J
14	408	9.5	63	J	9.9	-16	314	5.6	-5.9	-2.1	5	J
15	398	10.4	45	J	10.6	-14	325	6.8	-4.7	-2.1	6	J
16	402	10.3	43	J	10.6	-18	330	6.8	-3.8	-2.8	7	J
17	426	9.6	41	J	11.6	6	296	4.9	-10.1	0.0	3	J
18	408	8.8	34	J	11.2	-1	311	6.8	-7.7	-1.6	4	J
19	423	7.6	44	J	11.2	2	301	5.3	-8.7	-1.7	4	J
20	461	7.3	47	J	11.0	31	283	2.0	-10.0	2.8	3	J
21	450	6.5	81	J	10.7	16	296	4.4	-9.4	-0.1	2	J
22	466	8.5	128	J	9.3	-4	312	6.0	-6.1	-2.8	2	J
23	460	9.3	146	J	8.0	7	323	5.9	-4.5	-0.6	3	J
24	478	10.9	93	J	6.2	-52	346	3.2	0.6	-4.3	3	J

JUN. 3, 1989 (154)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					6.7	-58	338	3.1	0.4	-5.6	2	J
2					6.2	-42	327	3.5	-1.2	-4.2	3	J
3												
4												
5												
6												
7												
8												
9	459	6.7	31	J	7.0	57	359	3.7	0.3	5.7	1	J
10	462	8.1	55	J	8.0	72	33	2.0	1.9	7.1	2	J
11	466	8.2	35	J	7.9	73	93	-0.1	3.0	7.2	1	J
12	462	8.4	30	J	7.6	35	71	1.9	5.9	3.5	3	J
13	462	8.6	33	J	7.1	36	70	1.9	5.5	3.6	2	J
14	453	7.3	30	J	8.1	32	37	4.9	3.9	3.7	4	J
15	470	8.6	34	J	11.7	-9	48	7.3	8.1	-1.8	4	J
16	477	7.5	45	J	11.6	-39	44	6.4	6.5	-6.9	2	J
17	450	10.0	121	J	10.6	-41	1	7.6	0.9	-6.6	3	J
18	454	7.9	45	J	10.1	-29	350	8.5	-0.7	-5.0	2	J
19	452	6.4	30	J	10.1	-21	354	9.3	-0.1	-3.7	2	J
20	444	5.5	43	J	9.8	-26	358	8.5	0.8	-4.1	2	J
21	413	6.8	124	J	10.0	-18	357	9.3	0.5	-3.0	2	J
22	436	4.9	55	J	9.0	-36	25	6.4	4.5	-3.9	2	J
23	429	4.7	57	J	8.4	-22	318	4.1	-2.8	-3.3	6	J
24	419	4.2	37	J	7.8	-23	311	4.5	-4.0	-4.4	2	J

JUN. 4, 1989 (155)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	421	4.1	43	J	7.4	-24	312	4.4	-3.8	-4.2	1	J
2	434	4.0	51	J	8.0	-27	306	4.0	-4.4	-4.8	2	J
3	449	4.3	44	J	8.7	-52	57	2.6	5.3	-5.1	4	J
4	452	5.0	44	J	8.7	-65	301	1.8	-1.7	-7.9	3	J
5	440	4.5	43	J	8.4	-40	297	2.8	-4.9	-5.8	2	J
6												
7												
8												
9												
10												
11	391	5.2	45	J	7.9	36	335	5.8	-2.2	4.9	1	J
12	393	6.4	60	J	9.0	36	353	6.8	-0.3	5.1	3	J
13	387	6.1	49	J	9.4	17	12	8.6	2.1	2.5	1	J
14	375	4.9	50	J	8.6	1	12	8.1	1.7	0.0	2	J
15					8.6	-5	1	8.3	0.1	-0.7	2	J
16					8.3	-11	0	7.9	0.1	-1.5	2	J
17					8.1	-16	1	7.7	0.4	-2.2	1	J
18	367	4.0	30	J	7.2	-14	340	6.5	-2.0	-2.1	1	J
19	366	3.4	22	J	6.9	-17	344	6.3	-1.3	-2.3	1	J
20					6.5	-20	342	5.7	-1.2	-2.6	1	J
21	362	3.0	34	J	5.9	-29	359	4.9	0.7	-2.6	2	J
22	361	3.0	33	J	5.6	-32	5	4.6	1.3	-2.6	1	J
23	359	2.8	28	J	5.2	-21	356	4.7	0.3	-1.8	1	J
24	354	2.6	49	J	5.1	20	354	4.4	-0.9	1.4	2	J

JUN. 5, 1989 (156)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					5.3	14	316	3.5	-3.6	0.2	2	J
2	411	5.0	34	J	6.9	71	349	1.8	-1.7	4.9	4	J
3	402	5.3	54	J	7.3	64	3	2.2	-0.9	4.4	5	J
4	396	5.6	61	J	7.4	43	318	3.6	-4.0	4.0	3	J
5	384	4.8	45	J	8.0	51	31	3.6	1.6	5.4	4	J
6	376	3.9	36	J	7.4	47	62	2.3	3.9	5.4	2	J
7	378	5.1	51	J	5.0	34	339	2.7	-1.1	1.9	4	J
8	383	5.3	74	J	4.6	11	345	2.6	-0.7	0.5	4	J
9	386	5.4	67	J	5.1	-33	333	3.6	-2.0	-2.5	2	J
10	380	5.3	44	J	5.4	-25	338	3.9	-1.7	-1.8	3	J
11	395	6.0	43	J	5.6	79	323	0.7	0.0	4.2	4	J
12	379	5.5	57	J	5.7	48	33	2.7	2.1	3.4	3	J
13	378	5.7	42	J	5.8	55	25	2.6	1.6	4.0	3	J
14	365	6.0	42	J	6.0	20	344	5.3	-1.4	2.1	1	J
15												
16	369	6.2	43	J	6.8	30	10	4.4	0.7	2.6	4	J
17	403	6.7	39	J								
18												
19												
20												
21												
22												
23					5.3	-37	309	2.4	-1.9	-3.6	2	J
24												

JUN. 12, 1989 (163)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4	515	4.0	66	J	5.2	-44	156	-3.4	1.9	-3.3	1	J
5	523	3.9	68	J	5.6	-27	121	-1.9	3.3	-1.7	4	J
6	517	3.9	54	J	5.8	-42	140	-2.8	2.4	-3.3	3	J
7	514	4.0	43	J	6.0	-44	147	-3.4	2.1	-4.0	2	J
8	499	4.2	37	J	6.3	-17	136	-3.9	3.6	-1.9	3	J
9	501	4.2	40	J	6.3	1	108	-1.9	5.7	-0.6	2	J
10	484	3.7	35	J	6.3	-16	126	-3.2	4.2	-2.2	3	J
11	475	2.2	41	J	6.2	-38	154	-4.3	1.5	-4.0	1	J
12	453	3.2	33	J	6.0	-13	138	-4.0	3.3	-1.8	2	J
13	481	3.6	24	J	6.4	15	107	-1.7	5.7	0.7	2	J
14	458	4.0	36	J	6.4	7	122	-3.2	5.1	0.2	2	J
15	453	3.7	28	J	5.9	-18	142	-4.2	3.1	-2.0	2	J
16	457	3.5	31	J	6.0	-12	129	-3.3	4.1	-1.2	3	J
17	477	3.6	59	J	5.8	1	121	-2.3	3.8	0.3	4	J
18	455	3.2	59	J	6.0	36	166	-3.8	0.6	2.9	4	J
19	449	3.3	43	J	6.3	10	143	-4.3	3.1	1.5	3	J
20	440	3.3	49	J	6.2	16	153	-4.8	2.1	2.0	3	J
21	453	3.1	38	J	6.1	10	138	-3.8	3.1	1.7	3	J
22	450	3.2	32	J	6.3	-3	131	-3.6	4.1	0.8	3	J
23					5.5	0	146	-4.0	2.6	0.7	3	J
24					5.8	7	159	-4.9	1.7	1.1	2	J

JUN. 13, 1989 (164)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					6.2	-5	171	-5.9	1.0	-0.3	2	J
2												
3												
4												
5												
6	419	3.5	77	J	5.7	4	185	-4.7	-0.4	0.3	3	J
7	418	3.8	56	J	5.9	-7	148	-4.5	2.8	-0.8	2	J
8	423	3.0	26	J	6.2	-19	138	-3.7	3.2	-2.0	3	J
9	436	3.1	37	J	6.4	-42	191	-3.8	-1.2	-3.4	4	J
10	426	3.4	51	J	6.4	-25	203	-4.8	-2.4	-2.1	3	J
11	442	3.3	50	J	6.5	-29	142	-3.7	2.4	-3.1	4	J
12	447	3.2	35	J	6.9	-5	110	-2.2	5.8	-1.5	3	J
13	442	3.3	42	J	6.5	-26	143	-3.9	2.6	-2.8	3	J
14	429	3.9	83	J	6.3	-34	189	-4.8	-1.2	-3.2	2	J
15	431	3.6	88	J	6.1	-25	146	-4.0	2.5	-2.4	3	J
16	434	4.0	74	J	6.2	18	128	-3.3	4.2	1.6	3	J
17	446	3.4	46	J	6.1	30	115	-2.1	4.4	3.1	2	J
18	528	6.4	91	J	9.2	43	92	-0.2	5.7	6.5	5	J
19	547	7.8	180	J	12.7	17	92	-0.4	10.4	5.1	5	J
20	517	4.8	114	J	12.9	-20	126	-5.8	8.5	-1.9	7	J
21	521	5.2	117	J	11.8	-10	126	-5.7	8.1	0.2	6	J
22	550	7.0	71	J	13.2	29	90	0.0	8.8	8.5	5	J
23	523	8.2	54	J	14.0	52	111	-3.0	4.8	12.4	4	J
24	519	7.6	46	J	14.5	19	101	-2.5	11.5	7.7	3	J

89-06-14 - 89-06-26

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					JUN. 14, 1989 (165)							
1	507	7.7	43	J	13.2	7	111	-4.2	10.3	3.9	6	J
2	505	11.7	28	J	13.0	16	117	-5.4	9.7	5.4	4	J
3	502	10.9	25	J								
4												
5												
6												
7	473	8.4	49	J	10.5	-26	135	-6.6	6.4	-4.9	1	J
8	466	7.5	29	J	10.4	-50	155	-5.8	2.0	-7.8	3	J
9	463	5.8	45	J	9.8	-51	153	-5.0	1.6	-7.2	4	J
10	483	5.0	48	J	10.7	-10	299	4.2	-7.8	-0.3	6	J
11	497	4.8	32	J	10.9	-14	305	6.0	-8.9	-1.1	1	J
12	487	6.4	10	J	10.4	-32	300	4.3	-8.3	-4.0	2	J
13	486	6.5	8	J	10.2	-34	296	3.7	-8.3	-4.4	2	J
14					9.9	-39	291	2.6	-7.5	-5.0	3	J
15	406	13.3	873	J	9.5	-44	262	-0.9	-7.2	-5.9	1	J
16	437	4.3	37	J	9.7	-47	246	-2.7	-6.2	-6.8	1	J
17					9.5	-48	239	-3.2	-5.2	-7.2	1	J
18	432	2.9	129	J	9.6	-60	253	-1.4	-3.8	-8.6	1	J
19					9.5	-58	253	-1.5	-3.5	-8.7	0	J
20					9.6	-65	245	-1.7	-1.9	-9.2	2	J
21					12.9	-60	264	-0.7	-3.6	-12.0	6	J
22					20.1	-53	263	-1.5	-7.6	-18.5	2	J
23					9.9	-33	259	-1.6	-6.4	-7.1	2	J
24					9.9	-40	251	-2.4	-5.3	-7.8	1	J
					JUN. 15, 1989 (166)							
1					9.6	-40	256	-1.8	-5.5	-7.5	2	J
2												
3												
4												
5												
6												
7												
8												
9	439	6.5	22	J	9.4	-39	231	-4.2	-5.8	-4.6	4	J
10	430	6.1	42	J	9.0	-43	214	-5.4	-4.6	-5.4	2	J
11	430	6.6	36	J	8.9	-43	222	-4.7	-5.2	-5.0	2	J
12	431	9.7	28	J	8.3	-42	215	-5.0	-4.4	-4.8	1	J
13	423	10.3	33	J	7.7	-50	204	-4.5	-2.9	-5.4	2	J
14	419	8.5	45	J	8.5	-56	205	-4.3	-2.9	-6.6	1	J
15	437	6.0	69	J	8.0	-42	212	-3.7	-2.6	-3.7	6	J
16	449	8.8	138	J	8.0	47	166	-4.3	1.3	4.7	5	J
17	439	6.1	70	J	7.8	-64	179	-3.2	0.2	-6.6	3	J
18	439	5.1	42	J	8.0	-71	217	-2.1	-0.9	-7.6	1	J
19	427	6.6	61	J	7.2	-46	142	-3.7	3.5	-4.4	3	J
20	429	6.0	61	J	6.5	-40	110	-1.6	5.1	-3.0	2	J
21	436	6.1	33	J	5.9	-51	83	0.5	4.6	-3.6	1	J
22	427	5.4	52	J	5.2	-57	127	-1.5	2.9	-3.3	2	J
23	418	4.5	55	J	5.9	-46	158	-3.7	2.5	-3.7	1	J
24	410	4.2	50	J	5.7	-35	146	-3.8	3.3	-2.5	1	J
					JUN. 16, 1989 (167)							
1	398	4.5	97	J	5.7	3	138	-3.8	3.3	1.0	3	J
2	359	3.6	69	J	6.6	-34	155	-4.8	2.9	-3.1	1	J
3	385	2.3	36	J	6.9	-50	124	-2.4	4.3	-4.6	2	J
4	376	3.6	36	J	6.5	-57	151	-3.0	2.1	-5.0	2	J
5												
6												
7												
8												
9												
10					7.3	-19	186	-6.0	-1.0	-1.9	3	J
11					7.1	-11	146	-5.5	3.4	-1.9	2	J
12					6.9	2	135	-4.8	4.8	-0.7	1	J
13					6.9	-4	129	-4.1	4.9	-1.3	2	J
14					6.8	-1	122	-3.5	5.6	-0.9	1	J
15					6.7	-3	124	-3.4	5.0	-0.8	3	J
16					6.9	-9	140	-5.1	4.3	-1.3	1	J
17					6.8	-5	146	-5.6	3.8	-0.5	1	J
18					6.8	2	147	-5.7	3.7	0.5	1	J
19	323	2.2	7	J	6.9	2	154	-6.1	2.9	0.6	1	J
20	328	2.2	8	J	6.8	-1	156	-6.2	2.7	0.4	1	J
21	325	2.8	16	J	7.1	6	163	-6.7	1.8	1.2	1	J
22					7.0	5	171	-6.7	0.9	0.8	1	J
23					7.2	6	166	-6.9	1.5	1.1	1	J
24					7.2	11	167	-6.9	1.2	1.7	0	J
					JUN. 17, 1989 (168)							
1					7.5	12	174	-7.2	0.4	1.7	1	J
2					7.0	23	179	-6.4	-0.4	2.7	1	J
3					7.0	31	179	-5.9	-0.4	3.5	1	J
4	340	2.8	22	J	6.9	50	164	-4.2	0.8	5.3	1	J
5	325	2.4	16	J	6.8	40	177	-5.0	0.1	4.2	1	J
6	323	2.3	11	J	6.8	43	190	-4.8	-0.8	4.6	1	J
7												
8												
9												
10												
11												
12	334	10.5	41	J	4.7	-5	145	-3.8	2.5	-0.9	1	J
13	326	12.2	47	J	5.3	2	163	-4.8	1.5	-0.1	2	J
14	328	13.6	41	J	5.8	21	185	-5.0	-0.1	2.0	2	J
15	354	9.6	16	J	7.0	18	117	-2.5	5.0	1.2	4	J
16	353	11.3	25	J	7.3	15	120	-3.4	5.9	1.5	2	J
17	350	12.0	34	J	7.8	-11	129	-3.8	4.7	-1.1	5	J
18	349	12.3	26	J	6.0	-8	112	-1.9	4.6	-0.4	4	J
19	338	10.6	20	J	6.9	10	126	-3.8	5.1	1.8	2	J
20	340	9.5	29	J	7.9	13	128	-4.7	5.6	2.8	1	J
21	339	9.0	22	J	8.2	7	130	-5.1	5.7	2.2	1	J
22	349	8.5	20	J	8.3	0	117	-3.7	7.0	1.7	2	J
23	356	11.5	51	J	6.4	34	134	-2.8	2.2	3.3	4	J
24	357	11.2	59	J	5.8	15	123	-2.8	3.9	2.3	2	J
					JUN. 18, 1989 (169)							
1	350	12.1	68	J	4.8	1	145	-3.5	2.4	0.6	2	J
2	363	12.2	60	J	5.0	18	117	-1.3	2.4	1.4	4	J
3	381	11.3	34	J	5.4	40	8	3.9	0.1	3.3	1	J
4	378	10.6	26	J	5.1	26	352	4.5	-0.8	2.1	1	J
5	373	10.3	51	J	4.7	23	6	3.8	0.4	1.6	2	J
6	376	10.6	40	J	5.2	22	2	4.6	0.2	1.9	1	J
7	383	11.1	55	J	5.5	19	359	4.9	0.0	1.7	1	J
8	374	10.7	64	J	5.3	12	6	4.9	0.6	1.0	2	J
9	369	9.9	50	J	5.1	-6	9	4.5	0.6	-0.6	2	J
10	371	10.3	54	J	4.9	-2	4	4.4	0.3	-0.2	2	J
11	371	10.5	47	J	5.0	-6	356	4.8	-0.4	-0.4	1	J
12	370	11.1	47	J	5.2	5	356	4.8	-0.2	0.5	2	J
13	367	11.2	49	J	5.0	17	1	4.4	0.3	1.3	1	J
14	368	11.9	53	J	5.3	21	356	4.5	0.0	1.7	2	J
15	372	11.6	44	J	5.0	18	346	4.5	-0.9	1.6	1	J
16					5.6	34	358	4.4	0.0	3.0	2	J
17												
18												
19												
20												
21												
22												
23												
24												
					JUN. 24, 1989 (175)							
1												
2												
3												
4												
5												
6	358	12.4	48	J	10.4	37	145	-6.5	4.9	5.6	3	J
7	367	10.7	38	J	11.4	39	135	-5.7	6.5	5.8	5	J
8	375	9.8	30	J	11.9	5	108	-3.4	10.5	-0.8	4	J
9	408	9.1	34	J	12.0	-3	75	2.8	10.2	-2.7	5	J
10	404	7.8	23	J	12.4	21	81	1.6	10.8	1.5	6	J
11	396	12.1	51	J	10.6	46	131	-4.4	6.6	5.5	4	J
12	414	15.1	67	J	10.5	-39	17	4.1	0.4	-3.7	9	J
13	418	11.0	51	J	14.1	-36	340	10.2	-5.4	-6.8	4	J
14	425	11.4	59	J	13.8	9	322	9.7	-7.1	3.4	6	J
15	441	10.7	74	J	8.1	87	71	0.1	1.4	6.8	4	J
16	438	8.7	99	J	7.9	53	231	-2.7	-2.7	6.1	4	J
17	439	6.3	43	J	11.1	38	231	-5.4	-6.4	7.0	2	J
18	434	6.2	20	J	11.9	42	226	-6.0	-6.4	7.7	2	J
19	430	5.6	13	J	12.3	24	236	-6.2	-9.6	4.2	1	J
20	440	6.2	20	J	11.1	13	231	-6.7	-8.5	1.4	3	J
21	449	7.2	41	J	9.9	18	217	-7.3	-5.9	2.1	2	J
22	424	7.2	39	J	9.3	28	228	-5.3	-6.6	3.1	3	J
23	415	7.0	26	J	9.4	30	234	-4.6	-7.1	3.3	3	J
24	417	7.1	37	J	9.3	33	232	-4.6	-6.7	3.8	2	J
					JUN. 25, 1989 (176)							
1	435	7.0	62	J	7.5	40	195	-5.1	-2.0	4.2	3	J
2	425	3.8	75	J	8.5	-5	294	3.4	-7.4	-1.6	2	J
3	416	3.6	62	J	8.4	-22	309	4.6	-5.4	-3.4	3	J
4	420	4.6	75	J	8.2	-7	311	5.1	-5.9	-1.1	2	J
5	417	4.0	55	J	8.2	-9	315	5.3	-5.3	-1.1	3	J
6	417	4.4	62	J	7.9	5	312	4.3	-4.8	0.9	5	J
7	401	4.3	55	J	7.4	-10	331	5.7	-3.3	-0.7	3	J
8	407	6.2	62	J	6.8	-23	328	4.8	-3.4	-1.9	3	J
9	406	6.1	41	J	7.2	-16	326	5.3	-3.9	-1.1	3	J
10	425	6.2	74	J	7.6	14	287	2.0	-6.1	3.3	2	J
11	419	6.2	75	J	7.3	1	306	3.5	-4.6	1.3	4	J
12	433	6.7	101	J	7.0	4	295	2.7	-5.6	1.9	3	J
13	430	7.0	97	J	6.9	5	309	3.8	-4.5	1.6	3	J
14	421	7.5	121	J	6.7	2	311	4.1	-4.5	1.2	3	J
15	408	7.2	75	J	6.9	15	336	5.9	-2.3	2.1	2	J
16	406	6.3	36	J	6.9	11	341	6.3	-2.0	1.5	1	J
17	437	7.6	72	J	7.6	21	286	1.9	-6.3	2.9	2	J
18	425	7.8	78	J	6.6	44	314	2.9	-3.1	4.1	3	J
19	429	7.6	59	J	7.2	32	302	2.9	-4.9	3.1	3	J
20	425	7.3	55	J	6.5	23	300	2.8	-5.0	1.8	3	J
21	418	7.5	63	J	6.0	13	305	3.0	-4.4	0.5	3	J
22	432	7.1	46	J	6.5	24	284	1.4	-5.8	1.5	2	J
23	422	7.2	34	J	7.4	27	281	1.2	-6.7	2.1	2	J
24	405	7.8	33	J	7.5	11	328	6.1	-4.0	0.7	2	J
					JUN. 26, 1989 (177)							
1	396	6.3	34	J	6.6	-3	345	6.2	-1.6	-0.6	2	J
2	387	5.1	41	J	6.0	-3	349	5.6	-1.0	-0.4	1	J
3	389	6.0	71	J	6.1	2	350	5.8	-1.0	0.1	2	J
4	395	6.8	50	J	7.0	7	330	5.6	-3.2	0.7	3	J
5	396	6.9	45	J	7.5	2	323	5.7	-4.3	0.4	2	J
6	386	7.6	59	J	7.6	-6	339	7.0	-2.7	-0.6	2	J
7												
8												
9												
10												
11												
12	428	8.7	82	J	6.7	-22	345	2.8	-1.0	-0.9	6	J
13	417	8.1	97	J	6.8	-15	15	5.1	1.0	-1.7	4	J
14	410	7.5	72	J	6.8	-13	318	4.3	-4.0	-0.5	3	J
15	382	7.8	133	J	6.7	3	338	5.5	-2.1	0.7	3	J
16	397	8.0	131	J	6.5	-11	331	3.7	-2.1	-0.6	5	J
17	386	8.0	85	J	6.6	-28	332	4.6	-2.6	-2.6	3	J
18	389	7.8	85	J	7.1	-18	356	4.6	-0.3	-1.5	5	J
19	392	7.3	78	J	7.2	13	293	2.6	-6.3	1.2	2	J
20	392	7.5	61	J	7.3	19	286	1.8	-6.6	1.6	2	J
21	398	7.3	60	J	7.1	23	274	0.4	-6.8	1.8	1	J
22	381	7.6	63	J	6.8	0	301	3.2	-5.2	-0.9	3	J
23	401	8.4	87	J	6.4	-3	303	2.7	-4.0	-0.9	4	J
24	374	8.2	49	J	6.6	-42	346	4.6	-0.4	-4.4	2	J

89-06-27 - 89-07-10

JUN. 27, 1989 (178)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	370	7.3	45	J	6.1	-33	5	4.9	0.9	-3.1	2	J
2	395	7.0	61	J	5.4	-17	299	1.8	-3.1	-1.5	4	J
3	391	6.8	62	J	5.2	22	296	1.9	-3.9	1.5	2	J
4	381	6.6	90	J	4.9	4	310	3.1	-3.7	0.3	1	J
5	367	6.6	64	J	4.9	9	344	4.4	-1.2	0.8	2	J
6	379	6.8	53	J	5.8	29	312	3.1	-3.2	2.9	2	J
7	400	7.0	39	J	5.8	-3	262	-0.7	-5.1	0.5	2	J
8	398	6.7	33	J	6.1	-9	259	-1.0	-5.3	0.1	3	J
9	404	6.9	35	J	6.3	2	249	-2.1	-5.4	1.5	2	J
10	401	6.8	33	J	6.5	27	254	-1.5	-4.4	4.0	2	J
11	380	6.9	39	J	6.4	-2	297	2.3	-4.3	1.0	4	J
12	385	6.6	39	J	6.3	7	276	0.5	-4.9	2.0	3	J
13	365	6.3	50	J	6.1	-16	321	4.3	-3.8	-0.7	2	J
14	363	6.9	50	J	6.1	-26	322	3.8	-3.4	-1.6	3	J
15	382	8.2	41	J	5.5	21	242	-1.8	-3.1	2.1	3	J
16												
17	387	6.8	22	J	5.8	81	22	0.8	0.7	5.6	1	J
18	375	6.8	28	J	5.8	72	316	1.3	-1.2	5.5	1	J
19	330	8.3	129	J	4.7	-15	336	3.8	-1.6	-1.2	2	J
20	359	6.5	51	J	5.4	-9	307	2.7	-3.5	-1.1	3	J
21	363	7.1	40	J	5.4	10	300	2.0	-3.5	0.2	4	J
22	356	6.9	53	J	5.1	10	313	2.7	-3.0	0.2	3	J
23					5.2	23	311	2.7	-3.3	1.2	3	J
24					5.5	-28	323	3.6	-2.3	-2.8	2	J

JUN. 28, 1989 (179)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	352	6.1	36	J	6.3	-3	321	3.4	-2.7	-0.6	5	J
2	347	5.7	44	J	7.1	-20	336	6.0	-2.4	-2.6	1	J
3					7.7	-6	323	5.6	-4.2	-1.0	3	J
4					8.4	-18	336	7.2	-3.2	-2.6	1	J
5					8.3	-13	328	6.7	-4.3	-1.6	2	J
6					8.3	-19	328	6.6	-4.4	-2.3	1	J
7					8.1	-20	326	6.2	-4.6	-2.1	1	J
8					7.9	-16	323	6.1	-4.9	-1.3	1	J
9					7.8	-24	329	6.0	-4.2	-2.2	1	J
10												
11												
12												
13												
14												
15					6.5	30	341	5.3	-1.2	3.5	1	J
16					6.8	20	352	6.2	-0.6	2.4	1	J
17					7.0	18	348	6.3	-1.2	2.2	1	J
18					6.9	15	333	5.8	-2.9	1.8	2	J
19					7.2	30	332	5.0	-2.8	3.1	3	J
20					7.2	17	333	6.0	-3.3	1.8	1	J
21					7.3	4	326	6.0	-4.0	0.0	1	J
22					7.7	-30	329	5.5	-2.7	-4.2	2	J
23					8.8	16	289	2.8	-8.3	1.2	1	J
24					8.8	2	296	3.5	-7.2	-0.8	4	J

JUN. 29, 1989 (180)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					8.5	-39	302	2.0	-2.8	-3.5	7	J
2					8.2	-41	83	0.7	6.4	-4.7	2	J
3					8.5	-43	92	-0.2	6.4	-5.4	1	J
4					8.5	-58	68	1.7	4.1	-7.1	1	J
5					8.5	-57	62	2.1	3.6	-7.2	2	J
6					7.9	-49	56	2.8	3.5	-6.1	2	J
7					7.2	-50	51	2.7	2.5	-5.5	3	J
8					7.1	-59	75	0.9	2.2	-6.5	2	J
9					6.7	-72	48	1.2	0.0	-5.8	3	J
10					6.5	-73	19	1.7	-1.0	-5.7	3	J
11					6.7	-75	96	-0.2	-0.1	-6.4	2	J
12												
13												
14												
15												
16												
17					6.7	-25	328	5.0	-3.3	-2.5	2	J
18					7.4	-41	308	3.3	-4.4	-4.6	2	J
19					7.5	-17	319	5.2	-4.4	-2.3	2	J
20					7.6	-12	318	5.2	-4.5	-1.9	3	J
21												
22												
23												
24												

JUL. 6, 1989 (187)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2	389	21.7	34	J								
3												
4	380	17.3	73	J	7.3	-14	110	-2.2	5.9	-1.9	3	J
5	375	12.2	67	J	8.8	-22	112	-2.8	6.6	-3.7	3	J
6	374	12.5	64	J	9.7	-11	119	-4.2	7.3	-2.8	3	J
7	374	13.4	72	J	10.7	-8	124	-5.5	7.8	-3.0	3	J
8	366	11.2	54	J	10.2	-1	128	-5.7	7.1	-2.0	3	J
9												
10					6.6	3	151	-5.6	3.1	-0.6	1	J
11	372	24.3	31	J	6.1	5	150	-4.7	2.7	-0.4	2	J
12	378	22.4	19	J	6.4	-6	173	-6.1	0.5	-0.9	1	J
13	375	13.5	47	J	8.6	11	114	-2.9	6.7	-0.7	4	J
14	382	13.0	48	J	9.4	2	132	-5.9	6.4	-1.6	3	J
15	397	14.5	69	J	9.0	-15	147	-7.1	3.9	-3.3	2	J
16												
17												
18												
19												
20												
21												
22												
23												
24												

JUL. 7, 1989 (188)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4	471	6.3	68	J	6.9	-9	126	-3.3	4.4	-1.1	4	J
5	493	5.5	59	J	7.5	39	69	1.7	4.9	3.4	4	J
6	490	5.0	67	J	7.0	-23	158	-5.7	1.9	-3.0	2	J
7	498	4.4	59	J	6.4	-24	170	-5.2	0.4	-2.5	3	J
8	510	4.9	78	J	5.9	25	114	-1.9	4.7	1.0	3	J
9	499	4.2	79	J	5.3	24	128	-2.6	3.8	0.9	2	J
10	483	3.9	78	J	5.5	14	134	-3.3	3.6	0.0	2	J
11	488	3.7	64	J	5.4	25	114	-1.8	4.5	0.6	2	J
12	501	3.0	55	J	5.4	35	78	0.9	5.0	1.5	1	J
13	490	4.3	65	J	3.9	-1	185	-3.3	-0.3	0.0	2	J
14	485	3.9	67	J	5.1	-14	164	-4.7	0.9	-1.5	1	J
15	475	3.8	96	J	5.6	-2	156	-4.8	2.0	-0.7	2	J
16	482	3.5	113	J	5.2	-7	159	-4.6	1.6	-0.9	1	J
17	471	3.4	120	J	4.7	-9	175	-4.4	0.3	-0.8	1	J
18	486	2.5	69	J	3.1	6	157	-2.4	1.0	0.2	2	J
19	477	2.4	144	J	3.7	-4	169	-3.4	0.7	-0.3	1	J
20												
21												
22					3.5	15	98	-0.5	3.2	1.2	0	J
23	504	2.9	57	J	2.9	21	86	0.2	2.4	1.2	1	J
24					3.4	29	82	0.3	2.1	1.4	2	J

JUL. 8, 1989 (189)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					3.2	43	51	1.3	1.5	2.1	1	J
2	492	2.8	34	J	3.7	30	42	2.3	2.0	1.8	1	J
3	478	2.4	36	J	3.6	30	35	2.5	1.8	1.7	1	J
4					3.3	33	26	2.4	1.3	1.7	1	J
5					3.3	34	18	2.5	1.0	1.7	1	J
6					3.1	31	33	1.9	1.4	1.1	2	J
7					3.2	18	121	-1.5	2.6	0.4	1	J
8					2.9	16	88	0.1	1.9	0.0	2	J
9	447	3.1	48	J	2.4	-1	57	0.7	1.0	-0.3	2	J
10	412	2.6	44	J	2.6	34	160	-1.9	1.1	1.1	1	J
11					3.2	27	132	-1.7	2.3	0.6	1	J
12					2.7	34	142	-1.4	1.5	0.8	1	J
13					2.7	50	175	-1.6	0.8	1.8	1	J
14	413	2.8	19	J	2.6	53	123	-0.7	1.6	1.4	1	J
15	402	2.7	15	J	2.3	-41	31	1.3	0.4	-1.5	1	J
16	387	2.9	20	J	2.0	19	138	-1.3	1.3	0.4	1	J
17					3.1	39	151	-2.1	1.4	1.8	0	J
18	369	5.3	44	J	2.8	32	153	-2.0	1.2	1.3	1	J
19	369	3.9	26	J	2.6	35	128	-1.1	1.4	1.2	2	J
20	366	4.8	10	J	3.0	36	126	-1.4	1.9	1.7	1	J
21	366	4.7	12	J	2.7	41	95	-0.1	1.4	1.4	2	J
22	361	5.3	10	J	2.4	52	54	0.8	1.0	1.9	1	J
23	355	5.4	10	J	2.5	46	26	1.5	0.6	1.8	1	J
24	360	7.5	16	J	2.7	45	26	1.3	0.5	1.5	2	J

JUL. 9, 1989 (190)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	365	13.3	14	J	2.7	28	110	-0.5	1.3	0.8	2	J
2	362	12.2	19	J	4.7	-61	311	0.6	-0.6	-1.6	5	J
3	373	6.8	19	J	5.9	-63	295	0.7	-1.7	-3.4	5	J
4	348	6.2	46	J	5.7	2	338	5.1	-2.0	0.3	2	J
5	353	7.2	22	J	5.2	-35	297	1.7	-3.7	-2.3	2	J
6	345	7.5	29	J	4.8	20	312	2.8	-2.8	2.1	2	J
7	340	7.1	28	J	4.9	22	315	2.9	-2.4	2.2	2	J
8	339	7.2	17	J	4.5	17	320	2.9	-2.0	1.7	2	J
9	336	7.4	12	J	4.4	6	308	2.4	-2.8	1.3	2	J
10	345	7.7	13	J	4.1	-73	283	0.2	-2.2	-3.1	2	J
11					4.2	-69	308	0.9	-2.4	-3.2	1	J
12	333	9.7	21	J	4.3	-3	317	3.0	-2.7	0.8	2	J
13	332	8.2	10	J	4.3	-27	312	2.5	-3.3	-0.9	1	J
14	333	10.0	11	J	3.2	2	316	2.2	-2.0	0.7	1	J
15	332	12.0	7	J	2.0	-1	334	1.3	-0.6	0.1	1	J
16	332	12.2	14	J	2.8	1	343	2.6	-0.8	0.2	0	J
17	320	23.8	69	J	2.1	22	307	1.1	-1.3	0.9	1	J
18	334	13.5	8	J	2.7	10	315	1.7	-1.7	0.6	1	J
19	337	12.1	10	J	4.9	37	288	1.2	-3.6	3.0	1	J
20	341	17.7	22	J	6.4	46	291	1.6	-4.2	4.5	1	J
21	355	20.7	20	J	7.9	37	286	1.7	-6.2	4.4	2	J
22	347	23.9	20	J	8.1	39	346	6.0	-1.8	4.9	2	J
23	342	27.3	19	J	7.2	37	7	5.5	0.4	4.3	2	J
24	338	26.6	13	J	6.3	36	320	3.8	-3.4	3.4	2	J

JUL. 10, 1989 (191)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	333	28.7	14	J	4.1	3	52	1.4	1.8	0.2	4	J
2	341	27.6	18	J	3.4	-3	53	1.7	2.2	-0.1	2	J
3	337	30.0	12	J	3.4	-14	113	-0.7	1.7	-0.5	3	J
4	336	26.8	13	J	5.1	-7	65	0.8	1.8	-0.4	5	J
5	334	17.6	13	J	9.1	-50	94	0.4	4.7	-7.3	3	J
6	328	18.8	17	J	8.5	0	87	0.4	7.3	-1.3	4	J
7	323	17.7	21	J	5.7	45	69	0.8	2.4	1.6	5	J
8	337	19.5	20	J	6.3	-8	287	1.8	-5.8	0.8	3	J
9					8.5	-14	279	1.3	-8.3	0.5	2	J
10	341	11.1	20	J	7.6	-1	283	1.5	-6.2	2.1	3	J
11	336	10.9	17	J	8.0	-10	279	1.2	-7.3	1.3	3	J
12	353	8.6	11	J	7.8	-28	259	-1.2	-7.2	-1.0	3	J
13	354	8.6	11	J	7.8	-46	233	-3.2	-5.9	-3.8	1	J
14	363	11.3	17	J	6.7	-49	206	-3.5	-3.0	-3.7	3	J
15	365	10.1	17	J	6.6	-66	227	-1.8	-3.5	-5.2	1	J
16	365	8.3	27	J	6.2	-62	226	-2.0	-3.1	-4.7	2	J
17	374	7.0	19	J	6.7	-63	219	-2.3	-2.7	-5.4	1	J
18	365	8.0	42	J	5.6	-57	226	-2.0	-2.5	-4.2	2	J
19	355	8.8	27	J	2.8	-30	265	-0.2	-2.1	-1.1	2	J
20	350	6.8	19	J	3.8	-28	289	1.1	-3.1	-1.8	1	J
21	346	4.8	23	J	4.9	-40	303	2.0	-2.9	-3.2	1	J
22	340	5.7	60	J	5.0	-32	313	2.8	-2.9	-2.8	1	J
23	346	4.7	18	J	5.3	-32	293	1.7	-3.8	-3.0	1	J
24	334	5.8	34	J	5.6	-15	325	4.4	-3.0	-1.6	1	J

89-07-11 - 89-07-23

JUL. 11, 1989 (192)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	332	7.7	78	J	6.4	-14	325	5.0	-3.4	-1.7	1	J
2	333	7.9	52	J	5.6	-7	328	4.6	-2.9	-0.7	1	J
3	346	9.1	50	J	4.8	26	3	3.6	0.2	1.7	3	J
4	336	7.6	37	J	4.8	18	346	4.3	-1.0	1.5	1	J
5	331	7.7	26	J	4.8	12	339	4.0	-1.4	1.1	2	J
6	334	7.0	25	J	4.6	5	327	3.3	-2.0	0.7	2	J
7	330	6.6	32	J	4.6	-5	310	2.9	-3.4	0.4	1	J
8	334	6.0	14	J	4.5	-8	313	3.0	-3.2	0.3	1	J
9	333	6.3	20	J	4.5	-8	306	2.6	-3.5	0.5	1	J
10	332	6.6	18	J	4.4	-5	309	2.6	-3.2	0.8	1	J
11	329	5.9	13	J	4.7	5	336	4.0	-1.5	1.0	2	J
12	329	6.2	13	J	5.0	17	333	3.7	-1.3	1.8	3	J
13	324	5.9	16	J	4.9	-10	343	4.5	-1.6	-0.3	1	J
14	328	5.8	10	J	4.8	-22	325	3.6	-2.9	-0.9	1	J
15	320	6.1	19	J	4.7	-7	335	4.1	-2.0	0.0	1	J
16	322	6.1	15	J	4.7	-14	326	3.7	-2.7	-0.5	1	J
17	318	6.3	21	J	4.6	-4	338	4.1	-1.7	0.0	2	J
18	319	6.0	15	J	4.6	-22	322	3.3	-2.7	-1.4	1	J
19	312	6.6	30	J	4.8	-1	337	4.2	-1.8	0.0	1	J
20	305	6.1	33	J	4.6	-7	346	4.3	-1.1	-0.6	1	J
21	302	6.3	36	J	4.4	4	344	4.0	-1.2	0.2	1	J
22	308	6.0	27	J	4.3	15	327	3.2	-2.2	0.9	2	J
23	312	6.0	19	J	4.1	3	330	2.7	-1.6	0.1	3	J
24	303	6.7	52	J	4.0	5	335	3.4	-1.6	0.2	1	J

JUL. 12, 1989 (193)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	282	8.7	70	J	4.1	10	335	3.6	-1.7	0.6	1	J
2	306	6.4	46	J	3.7	8	335	3.2	-1.5	0.5	1	J
3	316	7.3	33	J	3.3	-11	347	3.2	-0.8	-0.6	1	J
4	315	7.6	38	J	3.2	-4	353	3.1	-0.4	-0.2	1	J
5	316	7.8	36	J	3.0	1	348	2.8	-0.6	0.1	0	J
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17					4.5	43	322	2.4	-1.4	3.1	2	
18					4.5	60	334	2.0	-0.5	3.9	1	
19					5.5	67	350	2.1	-0.1	5.1	1	
20	307	15.5	5	J	5.1	77	26	1.0	0.5	4.8	1	
21	304	15.9	10	J	5.1	12	123	-2.7	4.1	1.2	1	
22	306	20.7	8	J	4.7	10	126	-2.5	3.4	0.9	2	
23	305	25.7	11	J	4.5	2	125	-2.1	2.9	0.3	3	
24	313	19.7	14	J	7.2	31	310	2.5	-3.1	2.2	6	

JUL. 13, 1989 (194)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	323	19.8	25	J	8.5	21	306	4.4	-6.2	2.7	3	J
2	331	16.4	17	J	9.9	34	291	2.8	-7.3	5.3	3	J
3	319	13.0	17	J	10.3	48	323	5.5	-3.8	7.8	1	
4	320	13.9	15	J	9.5	53	310	3.7	-3.6	8.0	1	
5	335	14.4	45	J	7.9	-49	279	0.5	-3.6	-3.1	6	J
6	339	12.8	54	J	7.9	-53	257	-1.0	-5.3	-4.9	3	J
7	342	11.1	51	J	8.0	-56	272	0.1	-5.6	-5.0	3	J
8	334	8.6	39	J	8.3	-12	277	1.0	-7.9	0.7	2	J
9	345	7.5	47	J	8.1	8	279	1.2	-6.6	3.4	3	J
10	353	8.6	93	J	6.5	47	292	1.5	-1.9	5.3	3	J
11	345	8.0	99	J	6.4	-12	308	3.7	-4.8	0.5	2	J
12	354	7.9	106	J	4.9	-1	291	1.4	-3.5	1.3	3	J
13	349	7.7	114	J	4.5	-2	321	2.7	-2.1	0.7	3	J
14	347	7.6	141	J	4.9	16	334	3.4	-1.2	1.6	3	J
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

JUL. 19, 1989 (200)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8	358	4.6	67	J	5.7	19	156	-4.1	2.3	0.9	3	J
9	353	4.6	80	J	5.7	11	157	-4.5	2.1	0.2	3	J
10					5.6	4	165	-4.8	1.3	-0.2	2	
11					6.0	30	208	-4.3	-1.0	3.5	2	
12	340	5.3	92	J	5.6	8	154	-4.5	2.3	-0.2	2	
13	334	4.6	35	J	6.3	2	146	-4.8	3.1	-1.1	2	
14	340	4.9	38	J	6.0	0	130	-3.6	4.0	-1.5	2	
15	336	4.7	42	J	5.7	8	137	-3.8	3.6	-0.4	2	
16	340	5.4	61	J	6.0	40	185	-4.3	0.6	3.6	2	
17	331	4.2	24	J	5.7	20	153	-4.6	2.7	1.3	1	J
18												
19												
20												
21	352	7.2	11	J	5.3	21	285	1.2	-4.6	1.9	1	J
22	336	5.3	22	J	5.7	19	128	-2.2	2.8	1.2	4	
23	328	5.0	17	J	6.3	23	124	-3.1	4.6	2.4	2	
24	313	5.9	50	J	5.9	16	144	-4.1	3.0	1.5	3	J

JUL. 20, 1989 (201)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	300	6.7	66	J	5.5	6	154	-4.6	2.3	0.5	1	J
2	301	5.7	32	J	5.9	2	165	-5.5	1.5	0.1	1	J
3	303	5.4	22	J	5.8	3	175	-5.6	0.5	0.2	1	J
4	305	5.2	19	J	5.9	-12	185	-5.3	-0.6	-1.0	2	J
5												
6												
7												
8												
9	319	6.9	17	J	6.4	32	237	-2.8	-2.8	4.5	2	J
10	328	7.1	24	J	5.1	51	219	-1.6	-0.2	2.8	4	J
11	325	7.5	34	J	5.1	55	152	-2.0	2.3	2.5	3	J
12	328	7.5	29	J	5.5	60	175	-2.1	1.6	3.3	4	J
13	332	7.6	20	J	5.7	47	267	-0.2	-1.8	5.0	2	J
14	324	7.9	22	J	5.8	42	242	-1.8	-1.9	4.6	2	J
15	324	8.0	22	J	5.7	44	239	-1.9	-1.8	4.3	3	J
16	322	8.4	32	J	5.4	42	139	-2.5	2.9	2.3	3	J
17	318	8.6	34	J	5.9	9	224	-3.4	-3.0	1.5	3	J
18	320	8.6	28	J	6.6	24	229	-3.8	-3.9	3.2	2	J
19	314	8.9	46	J	6.1	-3	150	-4.7	2.7	-0.6	3	J
20	320	9.4	32	J	6.0	-4	129	-3.0	3.6	-0.5	4	J
21												
22	316	8.5	16	J	7.2	-13	117	-3.0	5.9	-1.5	2	J
23	330	8.6	12	J	7.3	-37	96	-0.6	5.5	-4.1	3	J
24	325	8.8	13	J	7.3	-28	102	-1.3	6.1	-3.3	2	J

JUL. 21, 1989 (202)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	327	9.7	14	J	7.4	-15	101	-1.2	6.2	-1.9	3	J
2	320	10.0	18	J	7.3	6	107	-2.0	6.7	0.4	2	J
3	324	9.9	14	J	7.4	25	97	-0.8	6.7	2.4	2	J
4	318	9.2	15	J	7.5	-11	98	-0.9	6.4	-2.2	3	J
5	331	9.3	9	J	7.6	-17	67	2.8	6.0	-3.4	1	J
6												
7												
8												
9												
10	318	8.3	40	J	6.4	1	118	-2.7	4.7	-1.9	3	J
11	329	8.1	37	J	6.1	-8	105	-1.0	3.1	-2.0	5	J
12	319	8.1	59	J	6.2	38	174	-4.3	1.8	2.9	3	J
13	325	8.5	54	J	6.3	25	215	-3.6	-1.5	2.9	4	J
14	321	8.5	54	J	6.3	18	228	-3.8	-3.2	3.2	2	J
15	326	8.1	39	J	7.0	42	222	-3.4	-1.5	4.9	3	J
16	332	8.1	38	J	7.4	29	246	-2.4	-4.3	4.7	3	J
17	320	8.9	49	J	7.7	40	185	-5.3	0.6	4.5	3	J
18	324	8.3	46	J	7.6	23	125	-3.9	6.0	1.9	2	J
19	319	7.0	50	J	7.2	23	133	-4.3	4.8	2.1	2	J
20	333	7.0	46	J	7.3	-6	117	-3.1	6.0	-1.1	3	J
21	353	7.8	50	J	7.2	-15	84	0.7	6.4	-1.9	2	J
22	338	7.5	37	J	7.3	-15	111	-2.4	6.3	-1.9	2	J
23	331	7.7	41	J	7.4	-5	117	-3.2	6.2	-0.6	2	J
24												

JUL. 22, 1989 (203)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9	347	8.1	23	J	6.5	-15	73	1.8	4.8	-3.7	1	J
10	330	8.1	34	J	6.4	-7	114	-2.1	4.1	-2.5	4	J
11	332	8.0	24	J	6.6	-4	115	-2.7	5.2	-2.8	1	J
12	331	8.6	32	J	6.2	-9	123	-3.2	4.1	-2.9	2	J
13	334	8.6	28	J	6.0	-7	119	-2.6	4.0	-2.5	3	J
14	351	9.0	27	J	7.3	-25	86	0.4	4.6	-5.0	3	J
15	331	10.1	37	J	7.4	-24	147	-4.3	1.9	-3.1	5	J
16	330	10.3	57	J	7.2	7	198	-5.0	-1.4	1.1	5	J
17	351	9.6	32	J	7.5	53	123	-2.1	4.3	4.2	4	J
18	333	8.2	20	J	7.7	26	130	-4.1	5.4	2.2	3	J
19	333	8.4	20	J	7.6	46	160	-4.4	2.2	4.7	3	J
20	342	8.5	19	J	8.1	60	153	-3.5	2.2	6.6	2	J
21	342	8.7	21	J	8.2	51	134	-3.1	3.5	5.5	4	J
22	368	10.1	31	J	8.3	39	104	-0.7	3.0	2.4	7	J
23	386	12.6	58	J	9.2	53	116	-1.0	2.0	2.9	8	J
24	387	11.4	58	J	8.7	18	92	-0.2	6.2	1.9	6	J

JUL. 23, 1989 (204)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	387	11.0	32	J	10.7	27	101	-1.8	9.2	4.4	3	J
2												
3												
4												
5												
6												
7												
8												
9												
10												
11	388	13.5	68	J	9.1	88	210	-0.3	3.4	7.6	4	J
12	406	14.2	58	J	8.4	78	294	0.7	1.9	7.6	3	J
13	423	13.0	86	J	8.0	53	3	3.6	2.1	4.3	5	J
14	424	17.8	28	J	9.0	61	333	3.8	1.2	7.9	1	J
15	429	17.6	37	J	7.5	47	322	3.9	-1.0	6.1	2	J
16	436	20.5	39	J	4.7	-3	313	2.5	-2.6	0.6	3	J
17	421	7.1	65	J	6.8	12	310	4.1	-4.5	2.5	2	J
18	414	6.1	54	J	6.9	13	309	4.1	-4.7	2.4	1	J
19	415	6.8	84	J	5.6	19	324	4.1	-2.8	2.1	2	J
20	414	6.8	78	J	5.1	-9	342	4.5	-1.5	-0.6	2	J
21	411	6.5	49	J	6.1	4	322	4.7	-3.7	0.6	1	J
22	406	6.9	26	J	6.7	21	302	3.2	-5.1	2.4	2	J
23	395	6.7	38	J	6.4	-7	327	5.2	-3.4	-0.7	2	J
24	389	8.7	69	J	5.6	-48	350	2.9	-0.6	-3.3	4	J

89-07-24 - 89-08-04

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					JUL. 24, 1989 (205)							
1	370	8.4	85	J	6.1	-8	334	5.0	-2.5	-0.7	2	J
2	373	8.3	95	J	6.3	1	333	5.4	-2.8	0.3	2	J
3	368	9.4	106	J	6.0	-4	354	5.9	-0.7	-0.3	1	J
4												
5												
6												
7												
8												
9												
10												
11	410	8.6	51	J	8.7	15	325	6.7	-3.3	4.0	2	J
12	422	8.0	54	J	7.9	-13	328	5.4	-3.7	0.1	5	J
13	458	9.0	118	J	4.2	24	41	1.2	1.2	0.2	4	J
14					6.4	16	330	5.1	-2.1	2.7	2	J
15	458	9.4	82	J	7.0	29	332	4.3	-1.2	3.3	4	J
16	471	10.2	79	J	7.3	70	350	1.9	1.3	5.1	5	J
17	446	9.3	75	J	7.6	1	327	5.9	-3.7	1.0	3	J
18	449	10.1	73	J	7.8	5	316	5.1	-4.7	1.5	3	J
19	443	10.1	77	J	7.6	14	328	5.4	-3.2	2.0	4	J
20	434	10.2	87	J	7.7	-1	327	6.0	-3.9	0.2	3	J
21	437	10.3	101	J	7.0	27	318	4.2	-3.7	3.1	3	J
22	419	11.5	174	J	6.6	-8	351	5.9	-1.0	-0.8	3	J
23	422	10.5	173	J	6.3	13	331	5.3	-2.9	1.5	1	J
24	418	11.0	195	J	6.9	10	336	6.0	-2.7	1.2	1	J
					JUL. 26, 1989 (207)							
1	464	4.9	71	J	6.1	24	333	4.5	-2.2	2.4	3	J
2	465	5.0	143	J	5.5	20	315	3.3	-3.1	1.9	2	J
3	484	5.3	130	J	5.4	-28	347	4.3	-1.3	-2.2	2	J
4	474	5.8	158	J	5.4	-11	336	4.4	-2.1	-0.6	2	J
5	457	6.2	220	J	5.6	-17	348	5.1	-1.4	-1.3	2	J
6					5.7	-5	338	5.1	-2.1	0.1	2	J
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					AUG. 1, 1989 (213)							
1	403	5.9	20	J	5.8	6	252	-1.6	-4.9	1.0	2	J
2	417	6.4	35	J	6.2	17	245	-2.4	-5.0	2.4	2	J
3												
4												
5												
6												
7												
8	420	6.1	248	J	9.0	5	254	-2.5	-7.6	4.1	1	J
9												
10					9.5	1	261	-1.5	-8.3	4.4	1	J
11	368	8.4	216	J	9.5	4	257	-2.1	-7.8	4.8	1	J
12					9.4	6	256	-2.2	-7.5	5.0	1	J
13	379	9.5	32	J	9.4	8	255	-2.4	-7.4	5.2	1	J
14					9.1	0	249	-3.2	-7.6	3.6	1	J
15	386	8.2	23	J	8.2	2	255	-1.6	-5.3	2.4	6	J
16	372	5.9	39	J	7.2	-21	318	4.6	-4.7	-0.8	3	J
17	386	6.6	51	J	7.6	-15	310	4.5	-5.7	-0.3	2	J
18	377	6.1	46	J	7.8	-10	313	5.1	-5.6	0.0	2	J
19												
20												
21	368	8.6	24	J	7.7	-6	290	2.6	-7.1	-0.1	2	J
22	364	6.2	11	J	8.3	-17	294	3.2	-7.3	-1.9	1	J
23	361	6.3	14	J	8.2	-24	300	3.7	-6.6	-2.9	1	J
24	371	7.8	18	J	8.0	-27	299	2.8	-5.3	-2.6	5	J
					AUG. 3, 1989 (215)							
1	353	25.8	13	J	3.3	-16	280	0.5	-2.7	-0.5	2	J
2	354	24.7	12	J	3.6	-33	216	-2.1	-1.7	-1.5	2	J
3	345	21.0	15	J	3.6	-14	257	-0.4	-1.7	-0.1	3	J
4	346	20.1	15	J	3.5	-41	237	-1.2	-2.3	-1.5	2	J
5	349	17.3	16	J	4.5	-51	185	-2.6	-1.1	-3.1	2	J
6	339	18.7	10	J	3.7	-17	127	-1.7	1.8	-1.5	2	J
7	341	19.3	10	J	5.0	29	83	0.5	4.7	0.7	2	J
8	335	17.9	7	J	5.5	13	102	-0.9	4.4	-0.8	3	J
9	334	17.5	7	J	5.8	42	69	1.3	4.6	1.5	3	J
10	356	13.3	46	J	6.3	20	82	0.8	5.8	-0.7	2	J
11	344	12.3	11	J	5.3	38	71	1.3	4.8	1.0	2	J
12	351	13.9	13	J	5.1	19	101	-0.8	4.5	-0.7	2	J
13	358	12.2	17	J	4.9	33	78	0.8	4.3	0.5	2	J
14	336	16.5	12	J	2.5	37	91	0.0	1.8	0.4	2	J
15	338	14.7	14	J	2.7	-16	154	-2.2	0.7	-1.0	1	J
16	334	12.2	11	J	3.7	-13	164	-3.1	0.6	-1.0	2	J
17	333	9.7	13	J	4.8	-7	146	-3.9	2.3	-1.3	1	J
18	326	10.3	13	J	4.6	6	140	-3.3	2.8	-0.2	2	J
19	332	9.0	10	J	5.0	0	136	-3.4	3.2	-0.6	2	J
20	329	8.6	8	J	5.1	4	135	-3.6	3.6	-0.1	1	J
21	329	8.3	10	J	4.9	20	142	-3.6	3.0	1.4	1	J
22	331	8.4	14	J	4.8	14	146	-3.8	2.6	0.9	1	J
23	330	8.0	13	J	4.8	-3	140	-3.7	3.1	-0.5	1	J
24	334	8.4	10	J	4.3	-4	130	-2.7	3.2	-0.6	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					JUL. 25, 1989 (206)							
1	432	9.9	115	J	6.9	25	327	4.9	-3.1	2.9	2	J
2	439	10.0	89	J	6.9	-13	307	3.6	-4.9	-1.0	3	J
3	424	9.5	67	J	7.3	-16	327	4.9	-3.4	-1.3	4	J
4	423	8.9	76	J	7.3	2	306	4.2	-5.6	1.2	2	J
5					7.2	3	315	4.9	-4.7	1.4	2	J
6												
7												
8												
9												
10												
11												
12												
13												
14					6.6	13	330	5.4	-2.3	2.5	2	J
15					6.3	9	331	5.4	-2.4	2.0	1	J
16					6.3	44	219	-3.2	-1.3	4.6	2	J
17												
18	452	5.6	86	J	7.2	33	313	4.1	-3.6	4.7	1	J
19	458	5.6	59	J	7.0	23	322	4.9	-3.5	3.2	2	J
20	451	5.1	46	J	6.9	-3	329	5.7	-3.5	0.0	2	J
21	454	5.2	83	J	6.7	13	323	5.0	-3.7	1.6	2	J
22	470	5.4	81	J	6.4	6	322	4.5	-3.5	0.7	3	J
23	459	5.1	81	J	6.2	-8	327	4.8	-3.1	-0.7	2	J
24	462	5.2	89	J	6.2	2	325	4.7	-3.3	0.3	2	J
					JUL. 31, 1989 (212)							
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21					5.0	6	340	4.2	-1.5	0.6	2	J
22	384	5.5	102	J	5.1	-1	345	4.3	-1.2	0.0	2	J
23	385	5.2	37	J	5.2	-32	298	1.8	-3.4	-2.1	3	J
24	401	5.6	17	J	5.5	-11	256	-1.2	-4.9	-0.6	2	J
					AUG. 2, 1989 (214)							
1	388	11.2	38	J	5.9	-46	276	0.3	-2.8	-2.4	5	J
2	381	11.7	55	J	6.7	-22	32	4.8	2.7	-2.6	3	J
3	391	11.9	52	J	4.5	56	337	1.0	-0.2	1.7	4	J
4	391	11.3	61	J	4.5	0	283	0.5	-2.2	0.5	4	J
5	384	12.3	85	J	6.0	-30	319	3.2	-3.3	-1.6	4	J
6	384	11.6	84	J	6.0	-42	343	3.3	-1.9	-2.7	4	J
7	397	11.2	98	J	4.8	20	251	-0.6	-1.5	1.3	4	J
8	392	10.6	78	J	5.1	28	252	-0.9	-1.9	2.5	4	J
9	388	10.3	68	J	4.3	30	267	-0.2	-2.0	3.0	2	J
10	374	10.7	70	J	4.5	10	302	2.2	-2.9	2.3	1	J
11	376	10.9	57	J	4.0	-5	269	-0.1	-3.0	1.3	2	J
12	371	10.1	41	J	4.4	-6	270	0.0	-3.2	1.3	3	J
13	341	9.1	23	J	6.2	6	299	2.9	-4.4	3.0	1	J
14	339	9.3	15	J	5.6	3	296	2.4	-4.3	2.3	1	J
15	339	9.7	14	J	4.6	24	315	2.6	-1.8	2.6	2	J
16	337	10.1	13	J	4.9	19	297	2.0	-3.2	2.8	1	J
17	337	9.7	12	J	4.5	7	303	2.4	-3.4	1.6	1	J
18	339	10.4	32	J	4.5	-20	312	2.7	-3.3	-0.7	1	J
19	339	11.5	27	J	5.4	-12	326	4.2	-3.0	-0.6	2	J
20	346	11.3	26	J	5.1	1	303	2.7	-4.1	0.6	1	J
21	346	13.4	22	J	4.9	12	293	1.8	-4.0	1.4	2	J
22	354	16.7	29	J	4.7	28	316	2.0	-1.8	1.6	4	J
23	354	22.4	27	J	5.7	27	348	4.9	-0.9	2.6	2	J
24	356	25.4	20	J	4.6	-12	305	2.4	-3.4	-0.6	2	J
					AUG. 4, 1989 (216)							
1	333	8.8	17	J	3.9	-13	123	-2.0	3.0	-1.2	1	J
2	329	8.9	9	J	3.7	-14	128	-2.2	2.7	-1.3	1	J
3	320	10.5	7	J	3.1	-6	125	-1.5	2.1	-0.7	2	J
4	316	13.6	6	J	2.5	-36	327	1.4	-1.2	-1.0	1	J
5	315	15.1	9	J	2.4	-40	357	1.6	-0.4	-1.3	1	J
6	313	16.5	7	J	2.1	-29	16	1.6	0.1	-1.0	1	J
7	310	18.1	8	J	2.4	8	16	2.1	0.7	0.1	1	J
8	311	21.0	14	J	2.9	2	360	2.7	0.0	0.1	1	J
9	327	28.8	13	J	3.7	-57	50	0.6	0.0	-1.5	3	J
10	334	24.1	11	J	6.1	24	101	-0.6	3.5	-0.2	5	J
11	336	28.0	6	J	6.0	-1	113	-2.1	4.3	-2.4	3	J
12	346	16.0	19	J	6.3	44	157	-1.9	1.7	1.4	6	J
13	350	10.7	41	J	8.8	40	284	1.6	-3.0	7.7	2	J
14	356	10.1	44	J	8.6	-21	301	3.6	-6.6	0.2	4	J
15	369	10.7	46	J	7.6	-58	333	3.4	-4.1	-5.0	2	J
16	371	10.6	61	J	6.2	-17	305	3.1	-4.8	0.0	3	J
17	382	9.5	68	J	5.0	22	275	0.3	-3.1	2.5	3	J
18	375	8.9	60	J	4.3	-61	292	0.7	-2.7	-3.0	2	J
19	370	8.7	51	J	4.5	-45	320	2.2	-2.4	-2.5	2	J
20	367	8.8	44	J	4.5	-49	360	2.6	-0.4	-2.9	2	J
21	365	8.1	48	J	4.6	-8	318	2.9	-2.7	-0.3	2	J
22	356	7.0	49	J	5.7	-2	340	5.3	-1.9	0.0	1	J
23	352	6.6	55	J	5.0	-6	327	4.0	-2.6	-0.3	1	J
24	355	6.8	41	J	3.9	5	288	0.8	-2.5	0.5	3	J

89-08-05 - 89-08-16

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					AUG. 5, 1989 (217)							
1	350	7.2	38	J	3.3	25	289	0.6	-1.7	1.1	3	J
2	372	7.5	36	J	3.2	0	155	-2.8	1.3	-0.2	1	J
3												
4												
5												
6												
7												
8	348	7.1	13	J	4.2	12	266	-0.3	-3.1	2.3	1	J
9					4.2	18	252	-1.2	-2.8	2.8	1	J
10	332	7.1	12	J	4.2	17	273	0.2	-2.9	2.9	1	J
11	333	7.4	7	J	4.2	23	281	0.7	-2.4	3.1	1	J
12	346	9.0	10	J	4.0	31	268	-0.1	-1.9	3.3	1	J
13	330	11.7	18	J	4.1	26	278	0.5	-2.2	3.0	2	J
14	332	9.7	9	J	4.6	10	310	2.8	-2.7	2.2	1	J
15	330	10.4	10	J	5.0	42	305	2.1	-1.4	4.2	1	J
16					4.7	67	345	1.7	1.1	4.1	1	J
17	328	10.7	9	J	4.8	55	350	2.7	0.7	3.9	1	J
18	324	9.8	11	J	5.2	72	7	1.3	1.1	3.7	3	J
19	328	8.8	7	J	5.6	48	131	-2.4	3.5	3.5	1	J
20	321	9.0	10	J	5.6	38	121	-2.2	4.1	2.7	2	J
21	317	8.1	10	J	4.9	16	95	-0.4	4.6	0.8	1	J
22	316	8.8	7	J	4.5	10	86	0.3	4.4	0.4	1	J
23	316	9.3	6	J	4.0	13	104	-0.9	3.8	0.6	1	J
24	318	13.4	6	J	3.7	21	111	-1.2	3.2	1.0	1	J
					AUG. 6, 1989 (218)							
1	325	14.8	10	J	4.9	30	113	-1.6	3.9	1.9	2	J
2	324	13.2	15	J	5.1	24	113	-1.7	4.4	1.4	2	J
3	324	13.6	17	J	4.8	28	103	-0.9	4.0	1.3	2	J
4	320	12.7	18	J	5.1	9	128	-3.1	4.0	-0.1	1	J
5												
6												
7												
8												
9												
10												
11	323	11.0	18	J	6.2	23	128	-3.4	4.9	0.0	1	J
12	329	11.7	16	J	5.7	45	110	-1.3	5.1	1.6	1	J
13	326	10.2	18	J	6.8	76	43	1.1	3.7	4.8	3	J
14	321	13.0	24	J	6.7	16	146	-4.9	3.7	0.0	3	J
15	320	12.9	21	J	6.6	-10	138	-4.8	3.5	-2.8	1	J
16												
17	320	22.9	7	J	6.2	-23	147	-4.6	2.1	-3.2	2	J
18	327	20.8	12	J	7.6	-39	142	-4.4	2.2	-5.3	2	J
19	357	7.5	33	J	8.8	-49	297	2.1	-5.1	-4.4	5	J
20	340	11.3	20	J	9.1	-23	305	4.8	-7.2	-2.4	1	J
21	335	14.0	25	J	8.3	-22	311	4.9	-5.9	-2.3	2	J
22	366	11.5	63	J	7.8	20	325	5.4	-3.5	2.8	4	J
23	373	4.9	52	J	10.1	26	324	7.2	-4.8	4.8	2	J
24	389	3.8	54	J	9.7	34	329	6.8	-3.5	5.7	2	J
					AUG. 7, 1989 (219)							
1	414	5.8	71	J	8.2	50	321	3.5	-2.2	5.7	4	J
2	400	5.4	69	J	7.9	40	335	5.3	-1.7	5.2	2	J
3	408	5.7	111	J	7.6	1	320	5.0	-4.1	0.9	4	J
4	404	6.0	110	J	7.6	1	309	4.3	-5.1	1.4	3	J
5	393	8.0	78	J	7.3	-8	302	3.5	-5.7	0.7	3	J
6	372	7.6	74	J	7.4	20	315	4.6	-3.5	3.8	3	J
7	363	7.9	37	J	7.8	-13	328	6.0	-4.1	-0.1	3	J
8	368	7.7	37	J	8.1	-1	310	4.5	-4.9	2.1	4	J
9	360	7.8	36	J	8.1	-31	328	5.7	-5.0	-2.0	2	J
10	355	8.3	50	J	7.8	-13	325	5.8	-4.4	0.5	3	J
11	352	8.5	85	J	6.8	14	327	5.1	-2.2	3.0	3	J
12	358	8.7	64	J	6.6	-13	341	5.8	-2.4	-0.3	2	J
13	362	7.9	39	J	6.7	-21	342	5.6	-2.7	-1.1	2	J
14	364	8.0	44	J	7.0	-3	325	5.4	-3.5	1.4	2	J
15	365	7.9	33	J	7.2	-10	333	6.0	-3.3	0.2	2	J
16	371	8.1	49	J	6.9	-23	329	5.2	-3.9	-1.3	2	J
17	367	7.5	41	J	7.0	-14	341	6.1	-2.5	-0.9	2	J
18	366	7.4	22	J	7.2	-24	346	6.2	-2.2	-2.4	2	J
19	369	7.7	22	J	7.2	-30	340	5.7	-2.7	-3.0	2	J
20	388	9.6	63	J	6.2	-26	329	3.5	-2.4	-1.6	4	J
21	393	8.8	75	J	7.0	2	310	4.1	-4.8	0.8	3	J
22	391	8.6	73	J	7.7	18	303	3.6	-5.3	2.7	3	J
23	389	8.9	74	J	7.7	30	305	3.3	-4.4	3.8	4	J
24	389	9.5	102	J	7.0	6	314	4.4	-4.4	1.1	3	J
					AUG. 8, 1989 (220)							
1	392	10.4	129	J	6.8	-15	326	4.8	-3.4	-1.1	3	J
2	408	10.0	109	J	6.3	7	293	1.8	-4.2	1.2	4	J
3	402	9.7	115	J	5.8	5	325	3.3	-2.2	0.8	4	J
4	400	9.1	96	J	5.7	6	335	4.1	-1.8	0.9	4	J
5	395	8.6	92	J	5.8	-13	7	5.1	0.3	-1.3	2	J
6					6.3	-21	358	5.6	-0.9	-2.0	2	J
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					AUG. 13, 1989 (225)							
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11	334	8.2	18	J								
12	349	7.9	17	J	5.5	-40	109	-1.2	1.5	-4.6	2	J
13	342	10.2	29	J	6.7	-21	147	-3.6	1.2	-2.6	5	J
14	333	10.3	48	J	5.5	39	205	-2.5	0.0	2.5	4	J
15	351	9.9	42	J	4.3	33	298	1.1	-1.2	2.3	3	J
16	357	9.8	24	J	5.1	44	268	-0.1	-1.7	3.9	3	J
17	356	8.9	19	J	4.9	68	91	0.0	2.8	3.1	3	J
18	336	7.8	15	J	4.4	34	113	-1.2	3.2	1.2	3	J
19	332	7.9	16	J	4.8	29	132	-2.2	2.8	1.2	3	J
20	333	6.8	17	J	4.3	18	193	-3.4	-0.6	1.3	2	J
21	339	7.0	17	J	4.5	23	145	-2.2	1.7	0.9	3	J
22	335	6.8	15	J	4.4	14	135	-2.3	2.3	0.5	3	J
23	357	6.5	15	J	4.2	-50	53	1.2	1.3	-2.6	3	J
24	327	6.4	14	J	3.9	-7	137	-2.0	1.8	-0.6	3	J
					AUG. 14, 1989 (226)							
1												
2	360	13.8	50	J	8.9	-7	127	-5.1	6.5	-2.3	2	J
3	384	15.8	50	J	12.5	-13	107	-3.1	9.4	-4.6	6	J
4	406	23.8	54	J	13.4	34	81	1.6	11.5	4.0	5	J
5	376	20.8	115	J	9.3	13	122	-4.0	6.7	-0.4	5	J
6	352	15.8	96	J	7.8	12	150	-5.5	3.5	0.1	4	J
7	459	39.5	412	J	22.4	-15	93	-1.0	15.3	-12.5	11	J
8	474	31.2	400	J	24.7	-16	75	4.8	13.6	-12.8	15	J
9	473	17.0	397	J	29.0	-24	82	2.4	11.5	-15.2	22	J
10	512	12.6	140	J	32.7	10	59	15.2	24.5	-8.2	13	J
11					31.8	-30	80	4.4	13.9	-25.3	13	J
12					27.1	-14	64	9.4	13.9	-14.4	16	J
13	588	12.8	776	J	14.9	28	65	4.6	11.5	0.1	8	J
14	594	11.1	776	J	12.0	32	73	2.6	10.1	0.9	6	J
15	623	13.5	573	J	10.4	47	46	4.2	6.7	3.9	6	J
16	618	13.0	455	J	8.8	71	352	2.5	2.6	7.0	4	J
17	624	9.8	360	J	12.7	32	38	7.8	7.8	3.8	5	J
18	627	9.2	425	J	11.7	23	45	7.5	8.5	2.2	3	J
19	633	8.8	417	J	11.6	21	44	7.6	8.1	2.2	3	J
20												
21	636	11.0	729	J	12.2	22	31	9.4	6.3	3.5	3	J
22	624	8.7	615	J	12.0	-5	32	10.0	6.0	-1.9	2	J
23	612	7.3	554	J	10.8	-9	35	8.7	5.8	-2.4	2	J
24	600	6.0	397	J	11.1	-31	46	6.5	5.9	-6.5	2	J
					AUG. 15, 1989 (227)							
1	595	6.9	354	J	11.4	-36	51	5.7	5.9	-7.6	2	J
2	618	7.8	262	J	10.9	-40	61	3.9	5.6	-7.9	3	J
3	619	7.7	130	J	11.1	-55	77	1.4	3.8	-9.7	4	J
4	629	8.7	43	J	13.8	-55	65	3.2	3.6	-12.1	5	J
5	662	13.0	23	J	12.0	-2	36	9.3	6.3	-2.5	4	J
6	667	6.3	26	J	9.3	-22	36	6.7	3.3	-4.9	3	J
7	672	5.9	35	J	8.2	-3	30	6.9	3.5	-2.0	2	J
8					8.2	-10	30	6.9	2.9	-3.1	1	J
9					8.0	-3	28	7.1	3.1	-2.2	1	J
10					8.1	-2	32	6.9	3.6	-2.4	1	J
11					8.2	1	24	7.4	2.9	-1.6	1	J
12					8.4	-32	24	6.4	0.2	-5.2	2	J
13	628	12.7	37	J	7.0	-45	236	-1.3	-2.8	-1.1	6	J
14	598	30.7	958	J	7.5	5	213	-6.1	-3.2	2.4	1	J
15					7.4	3	213	-6.2	-3.4	2.1	1	J
16					7.1	6	215	-5.8	-3.4	2.3	1	J
17					6.7	9	219	-5.1	-3.5	2.4	1	J
18					5.7	6	218	-4.5	-3.2	1.6	1	J
19					4.5	-3	212	-3.8	-2.4	0.3	0	J
20					4.0	7	199	-3.7	-1.1	0.7	1	J
21					3.6	9	194	-3.4	-0.7	0.7	1	J
22					2.2	13	183	-2.0	0.0	0.5	1	J
23					1.5	-49	289	0.1	-0.4	-0.4	2	J
24					2.3	10	169	-1.9	0.4	0.3	1	J
					AUG. 16, 1989 (228)							
1					1.9	-9	61	0.5	0.8	-0.3	2	J
2					2.3	-4	186	-1.9	-0.2	-0.1	2	J
3	559	31.9	322	J	2.4	23	192	-1.9	-0.2	0.9	1	J
4	562	31.5	220	J	2.2	30	80	0.3	1.6	0.4	2	J
5	534	3.1	103	J	3.3	29	140	-1.7	1.8	0.7	2	J
6	535	4.7	412	J	5.8	21	188	-4.9	0.1	2.0	2	J
7	517	4.1	189	J	6.9	-4	185	-6.2	-0.7	-0.2	3	J
8	532	3.8	135	J	8.6	27	203	-6.6	-0.8	4.6	3	J
9	535	4.0	123	J	7.9	14	216	-5.5	-2.7	3.4	3	J
10	514	4.5	195	J	6.7	22	198	-5.1	-0.3	2.7	4	J
11	527	3.6	109	J	6.3	48	212	-2.8	0.4	4.0	4	J
12	513	3.1	187	J	4.7	-8	204	-3.3	-1.5	0.3	3	J
13					4.5	0	95	-0.3	3.1	-1.8	3	J
14	564	2.3	96	J	4.9	-10	88	0.1	2.5	-2.0	4	J
15	520	2.4	178	J	4.5	22	132	-2.4	3.0	0.1	3	J
16	532	2.2	198	J	4.6	16	134	-2.6	2.9	-0.1	2	J
17	504	3.2	465	J	4.1	10	173	-3.3	0.6	0.4	2	J
18	539	2.1	223	J	4.4	-10	213	-3.6	-2.4	0.0	1	J
19	563	2.4	86	J	3.3	42	135	-0.7	0.9	0.7	3	J
20	548	2.9	208	J	4.0	17	183	-3.4	0.0	1.1	2	J
21	546	3.0	195	J	3.6	-22	152	-2.0	0.9	-1.1	3	J
22	537	3.0	131	J	3.7	-48	195	-2.1	-0.9	-2.3	2	J
23	556	3.3	113	J	4.0	0	205	-3.1	-1.4	0.2	2	J
24					3.9	-41	186	-2.6	-0.6	-2.2	2	J

89-08-17 - 89-08-28

AUG. 17, 1989 (229)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	517	2.9	55	J	3.6	-10	132	-2.2	2.3	-1.0	2	J
2	508	2.4	48	J	3.5	-25	171	-2.7	0.2	-1.3	2	J
3	506	2.3	54	J	3.8	-15	199	-3.3	-1.3	-0.6	1	J
4					3.6	-20	199	-2.8	-1.2	-0.8	2	J
5	503	1.9	55	J	3.4	-28	175	-2.6	-0.2	-1.4	2	J
6	498	1.8	59	J	4.2	-14	204	-3.4	-1.7	-0.3	2	J
7					4.5	-47	192	-2.9	-1.9	-2.6	1	J
8	510	4.2	40	J	4.7	-31	44	2.0	1.0	-2.4	3	J
9	504	4.2	31	J	5.9	-11	38	4.5	2.5	-2.7	1	J
10	493	3.4	15	J	6.3	-24	36	4.6	1.6	-3.9	1	J
11	488	2.3	14	J	6.8	-30	34	4.8	1.0	-4.5	1	J
12	483	2.2	16	J	7.0	-33	32	5.0	0.7	-4.9	1	J
13	479	2.2	21	J	6.9	-38	34	4.5	0.5	-5.2	1	J
14					6.7	-40	41	3.9	0.9	-5.4	1	J
15	476	3.3	234	J	7.0	-38	51	3.5	1.9	-5.8	1	J
16	495	5.5	140	J	10.3	-22	71	2.9	6.3	-6.7	6	J
17	553	7.6	433	J	12.9	-29	74	2.2	5.6	-6.7	10	J
18	580	7.6	366	J	13.7	0	93	-0.7	12.0	-3.7	5	J
19	594	10.1	428	J	10.1	71	121	-1.5	4.5	7.6	5	J
20	595	13.2	399	J	10.0	25	94	-0.5	7.2	1.7	7	J
21	591	15.7	356	J	8.3	9	108	-2.4	7.6	0.0	3	J
22	602	18.5	260	J	7.3	-21	67	2.0	4.5	-2.7	5	J
23	584	17.0	171	J	9.5	-17	69	2.7	6.7	-3.3	6	J
24	560	16.5	162	J	10.4	-8	85	0.9	9.5	-2.8	4	J

AUG. 18, 1989 (230)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	534	15.6	130	J	9.7	-9	76	2.2	8.6	-2.9	3	J
2	529	10.1	177	J	8.3	62	262	-0.1	-0.3	1.1	8	J
3	559	3.6	248	J	10.6	-18	229	-6.4	-7.9	-1.3	3	J
4	548	4.0	217	J	10.5	43	302	3.7	-3.8	7.9	5	J
5	557	2.6	160	J	8.0	-47	124	-2.5	1.9	-5.7	5	J
6					6.4	22	33	3.1	2.4	0.6	5	J
7	554	4.0	304	J	5.3	68	301	0.8	0.4	3.8	4	J
8	579	4.6	293	J	5.7	41	264	-0.3	-1.5	3.8	4	J
9	612	1.3	161	J	11.7	-7	63	4.2	6.7	-5.1	7	J
10	630	2.8	264	J	7.9	-58	189	-3.6	-3.4	-4.7	4	J
11	639	2.2	213	J	4.8	19	234	-1.4	-1.3	1.8	4	J
12	653	1.6	125	J	5.7	53	267	-0.2	-0.5	5.1	3	J
13	648	1.6	149	J	6.5	39	318	3.6	-0.8	5.0	2	J
14	650	1.8	166	J	6.2	48	334	3.0	0.5	4.0	4	J
15	671	2.5	230	J	5.2	51	289	0.6	-0.5	2.8	4	J
16					4.8	25	201	-3.3	-0.5	2.0	3	J
17	624	3.0	207	J	6.5	51	315	1.8	-0.6	3.5	6	J
18	625	4.3	235	J	10.5	34	341	7.6	-0.9	6.0	4	J
19	667	6.6	306	J	10.6	36	217	-5.7	-2.9	6.1	6	J
20	649	8.0	465	J	7.2	-9	196	-6.2	-1.9	-0.6	3	J
21	642	7.0	373	J	6.6	1	211	-4.2	-2.5	0.5	4	J
22	623	8.2	284	J	8.3	-12	242	-3.3	-6.4	-0.5	4	J
23	597	7.8	157	J	8.6	-24	192	-6.8	-1.9	-2.9	4	J
24	566	8.9	135	J	6.1	3	330	2.8	-1.6	0.4	5	J

AUG. 19, 1989 (231)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	573	7.0	197	J	6.5	-8	306	3.4	-4.8	0.0	4	J
2	562	8.0	153	J	7.5	-46	335	4.2	-2.8	-4.3	4	J
3	549	8.5	184	J	7.2	-24	346	6.0	-2.1	-2.3	3	J
4	533	8.1	151	J	6.6	-23	334	5.3	-3.2	-1.7	1	J
5	522	7.5	107	J	6.4	-8	328	5.3	-3.4	0.3	1	J
6	504	8.1	109	J	6.6	-8	341	6.0	-2.2	0.0	2	J
7	497	6.9	84	J	7.4	14	332	6.3	-2.3	3.0	1	J
8	492	5.1	77	J	8.1	21	347	7.4	-0.2	3.4	1	J
9	479	5.5	50	J	7.9	26	1	7.1	1.8	2.9	1	J
10	472	4.8	37	J	7.6	22	7	6.9	2.2	2.0	1	J
11	477	5.0	39	J	8.9	25	4	8.0	2.4	2.9	1	J
12	474	3.2	79	J	6.7	30	355	5.1	1.2	2.7	4	J
13	577	1.2	289	J	6.2	69	331	1.8	1.9	5.1	3	J
14					5.3	62	279	0.4	0.1	4.8	2	J
15					5.3	67	322	1.6	1.0	4.7	2	J
16					6.1	55	338	3.2	0.8	5.0	1	J
17					6.7	56	315	2.6	-0.5	6.0	2	J
18					6.2	12	245	-1.9	-3.6	2.1	4	J
19					5.9	-36	211	-3.3	-2.6	-2.2	4	J
20					5.5	43	257	-0.7	-2.4	3.5	3	J
21					6.0	50	238	-1.9	-2.2	4.7	2	J
22					5.7	50	271	0.1	-2.4	3.9	3	J
23					4.8	43	264	-0.3	-2.7	3.4	2	J
24					4.6	34	261	-0.5	-2.7	2.6	3	J

AUG. 20, 1989 (232)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	516	1.6	78	J	4.9	40	264	-0.3	-2.3	2.8	3	J
2	559	2.9	92	J	7.3	42	290	1.7	-3.7	5.4	3	J
3												
4	592	4.8	39	J	7.8	32	261	-1.0	-5.0	5.8	1	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	506	13.0	59	J	11.8	-7	272	0.4	-10.4	4.2	4	J
15	520	14.5	65	J	13.2	28	291	3.9	-6.4	9.7	5	J
16	513	19.4	42	J	12.4	63	40	4.0	7.3	8.1	4	J
17	499	25.6	41	J	10.5	66	11	4.0	4.0	8.3	3	J
18	499	27.5	55	J	10.0	67	7	3.8	3.2	8.5	2	J
19	498	19.1	86	J	8.5	59	33	3.4	3.9	6.0	3	J
20	497	12.9	95	J	5.5	61	41	1.9	2.6	4.2	2	J
21	488	11.5	97	J	5.9	69	31	1.8	2.0	5.0	2	J
22	484	10.9	63	J	6.8	81	220	-0.8	0.4	6.6	1	J
23	480	11.3	52	J	6.6	81	257	-0.2	0.0	6.5	1	J
24	474	11.2	37	J	7.3	85	43	0.4	1.5	6.8	2	J

AUG. 21, 1989 (233)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	453	8.2	18	J	8.6	81	301	0.7	0.4	8.4	2	J
2												
3												
4					9.8	56	257	-1.2	-2.7	9.1	2	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

AUG. 26, 1989 (238)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4	344	8.0	31	J	9.9	11	70	3.1	8.7	-0.9	3	J
5	345	8.0	41	J	9.5	17	61	4.4	8.3	-0.2	2	J
6	363	8.7	45	J	10.0	11	75	2.5	9.3	-2.0	2	J
7	351	9.2	47	J	9.6	15	64	3.9	8.1	-1.4	3	J
8	355	8.6	38	J	10.3	3	71	3.2	8.3	-4.0	3	J
9	349	8.7	44	J	10.8	0	65	4.4	8.1	-4.8	3	J
10	334	8.3	26	J	11.2	-15	55	6.1	5.9	-7.1	1	J
11	329	7.7	22	J	10.9	-1	54	6.3	7.2	-4.9	2	J
12	359	8.3	29	J	9.9	44	68	2.2	7.5	1.8	6	J
13	320	7.6	49	J	8.9	38	10	5.4	3.0	3.1	6	J
14	329	9.4	92	J	7.9	48	341	4.4	1.3	5.2	4	J
15	349	10.3	97	J	6.7	27	289	1.3	-2.5	3.7	5	J
16	348	12.0	101	J	6.8	-24	273	0.2	-4.6	0.1	5	J
17	341	10.3	52	J	8.6	33	286	1.8	-4.4	6.4	3	J
18	345	10.3	51	J	8.6	35	284	1.7	-4.8	6.8	1	J
19												
20												
21												
22												
23												
24												

AUG. 27, 1989 (239)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2	385	18.0	94	J	12.8	62	70	1.8	7.0	8.5	6	J
3	393	19.3	83	J	13.0	29	263	-1.1	-7.1	7.0	8	J
4	394	18.7	75	J	12.7	-41	252	-2.8	-10.8	-4.9	3	J
5	383	17.0	70	J	12.3	-62	256	-1.4	-8.9	-7.9	3	J
6	389	17.0	122	J	10.7	-69	227	-1.8	-4.5	-5.5	8	J
7	412	15.2	114	J	9.4	29	289	2.1	-3.8	5.9	6	J
8	415	15.1	148	J	6.1	-16	283	0.9	-4.0	0.9	5	J
9	420	9.6	39	J	9.0	4	292	3.1	-6.4	4.5	4	J
10	394	6.3	56	J	8.8	35	284	1.6	-3.0	7.6	3	J
11	404	10.1	45	J	8.6	29	273	0.4	-3.6	6.9	3	J
12	387	10.2	55	J	8.1	8	293	2.9	-5.2	4.6	3	J
13	382	10.0	50	J	8.1	17	305	4.3	-4.0	5.2	2	J
14	404	14.6	102	J	11.4	8	304	5.9	-6.8	5.7	6	J
15	481	22.0	356	J	13.8	-2	318	6.4	-5.2	2.4	11	J
16	513	22.9	313	J	12.2	4	270	0.0	-6.3	3.5	10	J
17	494	18.8	303	J	14.5	-2	296	6.0	-11.5	4.1	5	J
18	469	18.9	197	J	14.5	22	308	7.8	-7.8	8.0	5	J
19	490	37.4	112	J	11.4	-22	286	2.1	-7.9	-0.9	9	J
20	498	25.1	174	J	17.3	-20	97	-1.5	11.2	-7.4	11	J
21	511	17.5	185	J	19.9	67	86	0.5	11.0	16.0	4	J
22	514	24.7	127	J	18.9	34	83	1.8	16.6	7.3	5	J
23	517	35.2	51	J	15.2	28	281	1.7	-7.6	6.1	12	J
24	516	24.8	55	J	15.8	49	303	5.4	-6.1	12.7	5	J

AUG. 28, 1989 (240)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	488	10.9	51	J	18.7	61	324	7.3	-2.0	16.9	3	J
2	490	2.8	54	J	19.2	55	300	5.5	-5.7	17.4	1	J
3	507	2.3	62	J	19.4	54	290	3.9	-6.1	18.0	1	J
4	507	2.6	59	J	19.9	41	283	3.3	-9.7	16.8	3	J
5	501	2.1	44	J	19.7	39	286	4.2	-9.2	16.8	2	J
6	510	1.9	68	J	19.8	41	285	3.8	-7.8	17.5	3	J
7	498	1.5	55	J	20.1	33	286	4.6	-9.3	16.7	3	J
8												
9												
10												
11	460	4.4	29	J	20.5	15	295	8.3	-12.1	14.2	2	J
12	453	5.0	25	J	20.8	12	295	8.6	-13.0	13.6	3	J
13	444	6.9	44	J	21.1	-2	293	8.1	-16.5	9.5	4	J
14	443	4.0	9	J	20.9	-9	293	8.0	-18.0	6.8	2	J
15	447	1.4	15	J	20.5	-17	288	6.0	-19.1	3.5	2	J
16					19.7	-29	290	5.9	-18.6	-1.7	2	J
17					19.3	-32	288	5.0	-18.2	-3.6	1	J
18					19.2	-37	289	5.0	-17.5	-6.2	1	J
19					18.0	-48	293	4.6	-14.0	-9.5	4	J
20					17.4	-46	294	4.9	-13.5	-9.5	3	J
21					17.5	-52	298	5.1	-12.1	-11.6	1	J
22					17.0	-55	299	4.7	-10.9	-12.1	1	J
23					17.0	-51	293	4.2	-11.9	-11.2	1	J
24					17.2	-60	297	3.9	-10.2	-13.2	2	J

89-08-29 - 89-09-10

AUG. 29, 1989 (241)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1					17.1	-68	309	4.0	-8.0	-14.5	1	J
2	437	12.2	7	J	16.9	-80	334	2.6	-5.0	-15.7	3	J
3	427	4.8	15	J	16.7	-75	51	2.7	-1.1	-16.3	2	J
4	417	4.2	28	J	16.3	-63	68	2.8	1.9	-15.9	1	J
5	423	39.0	52	J	9.6	-52	63	1.8	1.4	-5.9	9	J
6	427	44.5	64	J	7.4	53	260	-0.4	-0.8	3.7	7	J
7												
8												
9												
10												
11												
12	456	20.0	26	J	2.4	-5	359	2.1	-0.1	-0.1	1	J
13	454	14.9	30	J	3.2	-49	267	-0.1	-1.4	-0.4	3	J
14	452	9.6	39	J	5.4	-50	157	-3.0	-0.9	-3.9	2	J
15	440	6.9	17	J	6.5	-40	142	-3.6	0.7	-4.7	3	J
16	437	5.6	24	J	6.8	-10	117	-2.7	4.3	-3.2	3	J
17	423	7.7	38	J	6.8	-9	129	-3.6	3.8	-2.5	3	J
18	435	4.9	20	J	6.8	-23	107	-1.8	4.6	-4.3	2	J
19	425	5.5	23	J	6.9	0	115	-2.7	5.6	-1.6	3	J
20	428	6.3	18	J	6.5	11	104	-1.5	6.1	-0.3	2	J
21	412	5.1	43	J	6.2	10	124	-3.3	5.0	0.0	2	J
22					6.2	-7	132	-4.1	4.3	-1.6	1	J
23	401	5.2	48	J	6.1	8	142	-4.3	3.4	0.2	3	J
24	402	4.6	21	J	6.3	4	155	-5.2	2.4	-0.1	3	J

AUG. 30, 1989 (242)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	392	4.5	23	J	6.2	-16	161	-5.5	1.5	-2.0	1	J
2	388	4.2	37	J	5.9	-12	150	-4.8	2.4	-1.8	2	J
3	405	4.1	20	J	5.8	-22	125	-3.0	3.5	-3.2	2	J
4	411	4.7	30	J	6.0	9	128	-3.1	4.0	-0.5	3	J
5	420	4.8	24	J	6.3	21	109	-1.8	5.6	0.1	2	J
6	368	5.9	55	J	6.1	19	182	-5.2	0.6	1.7	3	J
7	384	4.8	35	J	5.9	13	149	-4.2	2.7	-0.1	3	J
8	408	4.1	16	J	6.0	49	137	-2.6	4.1	2.3	3	J
9	405	4.4	29	J	5.6	19	135	-2.9	3.3	-0.3	4	J
10	421	4.3	38	J	5.2	-45	113	-1.3	0.8	-4.5	2	J
11	405	4.7	67	J	5.0	-49	155	-2.3	-0.7	-3.0	3	J
12	422	4.7	65	J	4.5	-37	240	-1.1	-2.5	-0.3	4	J
13	418	4.6	57	J	4.7	-1	132	-1.4	1.3	-0.9	4	J
14	408	4.4	42	J	5.0	-57	175	-2.3	-1.6	-3.1	3	J
15	394	4.6	61	J	5.1	-30	175	-3.2	-0.6	-1.8	3	J
16	406	4.1	37	J	4.8	-59	142	-1.9	-0.4	-4.2	2	J
17	391	4.0	53	J	4.8	-45	153	-2.8	0.1	-3.5	2	J
18	392	4.2	45	J	4.9	-21	136	-2.1	1.5	-1.7	4	J
19	396	4.4	26	J	5.4	24	104	-1.0	4.4	0.6	3	J
20	389	4.0	29	J	5.2	-34	128	-2.3	2.3	-3.1	3	J
21	376	4.6	37	J	5.2	-30	128	-2.4	2.5	-2.8	3	J
22	382	4.2	18	J	5.1	-40	120	-1.8	2.5	-3.6	2	J
23	389	4.4	20	J	4.9	-37	109	-1.2	3.0	-3.4	2	J
24	400	4.5	15	J	5.1	-29	79	0.8	3.6	-3.1	1	J

AUG. 31, 1989 (243)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	381	4.7	19	J	5.0	-47	123	-1.6	1.8	-3.7	3	J
2	379	5.1	19	J	5.4	-31	129	-2.0	2.0	-2.5	4	J
3	393	5.8	18	J	5.6	7	74	1.5	5.1	-0.8	2	J
4	392	5.6	18	J	5.4	14	79	0.9	5.0	-0.4	2	J
5	381	6.6	30	J	5.3	21	86	0.3	4.9	0.0	2	J
6	367	5.8	22	J	5.2	28	95	-0.4	4.7	0.3	2	J
7	363	5.0	17	J	5.2	34	114	-1.6	4.3	0.7	2	J
8	361	4.5	17	J	5.4	45	137	-2.7	4.0	1.9	1	J
9	350	4.4	19	J	5.4	60	154	-2.3	3.3	3.2	1	J
10	357	4.6	15	J	5.2	68	127	-1.1	3.9	3.1	1	J
11	333	4.6	14	J	5.2	58	85	0.2	3.9	1.8	3	J
12	340	4.9	17	J	5.2	33	137	-2.9	3.7	0.7	2	J
13	336	6.9	41	J	5.1	42	140	-2.3	3.1	1.3	3	J
14	330	6.1	23	J	5.3	37	158	-3.6	2.8	1.8	2	J
15	355	5.8	16	J	4.9	-22	98	-0.6	3.0	-3.6	1	J
16	348	5.6	16	J	4.8	-29	114	-1.5	2.2	-3.4	2	J
17	344	6.0	17	J	4.7	-19	113	-1.5	2.7	-2.5	3	J
18	340	5.6	14	J	4.8	14	123	-2.2	3.5	-0.2	2	J
19	339	6.1	17	J	5.4	62	136	-1.6	2.6	3.5	3	J
20	348	6.0	17	J	5.3	-17	100	-0.8	3.9	-2.4	3	J
21	343	5.9	15	J	5.2	-22	107	-1.3	3.7	-2.6	2	J
22	336	5.6	14	J	5.5	10	116	-1.6	3.2	0.0	4	J
23	334	5.7	16	J	5.6	66	143	-1.7	2.1	4.4	2	J
24	333	4.8	12	J	5.5	-34	121	-2.2	3.0	-3.5	2	J

SEP. 1, 1989 (244)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	347	5.2	12	J	5.6	2	93	-0.3	4.9	-0.9	2	J
2	338	5.0	10	J	5.4	-38	103	-0.9	3.1	-4.0	2	J
3	338	5.2	18	J	5.3	-3	102	-0.9	4.2	-1.4	3	J
4	328	4.9	27	J	4.2	0	126	-2.0	2.6	-0.9	3	J
5	318	5.5	29	J	5.2	1	124	-2.6	3.7	-1.4	2	J
6	322	5.4	22	J	5.3	-10	130	-2.4	2.3	-1.8	4	J
7	338	5.5	18	J	5.4	23	88	0.1	3.2	-0.2	4	J
8	346	5.8	11	J	5.6	3	82	0.7	4.6	-2.3	2	J
9	337	5.5	12	J	5.4	-10	89	0.1	3.9	-3.5	1	J
10	329	5.3	11	J	5.3	-13	105	-1.3	3.5	-3.7	1	J
11	319	5.4	18	J								
12	324	5.3	15	J								
13	311	5.5	23	J								
14	316	5.0	17	J								
15												
16	306	5.9	27	J								
17	322	6.7	13	J								
18	333	7.2	9	J								
19	329	7.5	11	J								
20	327	8.2	12	J								
21	324	8.9	12	J								
22	324	10.1	13	J								
23	323	10.9	15	J								
24	318	10.4	17	J								

SEP. 2, 1989 (245)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	316	10.8	18	J								
2	315	11.1	12	J								
3	309	11.5	14	J								
4	308	12.2	9	J								
5	309	13.2	13	J								
6	307	13.5	17	J								
7	307	14.5	11	J								
8	307	15.1	10	J								
9	316	11.5	26	J								
10	314	7.8	24	J								
11	319	8.3	22	J								
12	318	8.5	21	J								
13												
14												
15	313	12.3	59	J								
16	311	14.5	30	J								
17	319	15.7	22	J								
18	315	15.9	22	J								
19	306	15.3	17	J								
20	306	15.1	18	J								
21												
22												
23												
24												

SEP. 8, 1989 (251)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2												
3												
4												
5												
6												
7					5.0	-36	17	3.9	-0.4	-3.1	1	J
8	495	13.3	49	J	4.2	-37	357	3.0	-1.3	-1.9	2	J
9	494	13.1	56	J	3.1	-23	14	2.5	-0.1	-1.3	2	J
10	493	10.5	73	J	3.1	-67	352	0.4	-0.6	-0.8	3	J
11	489	10.0	77	J	3.3	-22	33	1.8	0.5	-1.4	2	J
12	488	8.7	70	J	3.4	0	34	2.7	1.5	-1.0	1	J
13	489	9.3	68	J	1.3	-16	163	-0.7	0.1	-0.3	1	J
14	486	8.7	70	J	1.8	-8	297	0.4	-0.7	0.3	2	J
15	486	7.3	67	J	3.7	14	4	3.1	0.6	0.6	2	J
16	484	7.1	48	J	4.3	-4	24	3.9	1.4	-1.0	1	J
17	482	7.4	47	J	4.0	-16	27	3.4	1.2	-1.7	1	J
18	477	7.3	56	J	3.4	-30	7	2.8	-0.2	-1.6	1	J
19	465	6.8	73	J	2.9	-29	226	-1.5	-1.9	-0.7	2	J
20	450	6.3	89	J	3.1	60	338	0.6	0.1	1.2	3	J
21												
22												
23												
24												

SEP. 9, 1989 (252)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2												
3	358	3.6	84	J	4.4	-3	331	3.8	-2.1	0.4	1	J
4	411	3.6	33	J	5.2	-2	291	1.7	-4.3	1.4	2	J
5	419	3.9	36	J	5.7	8	288	1.5	-4.0	2.4	3	J
6	440	5.0	62	J	6.9	38	273	0.2	-2.6	5.2	4	J
7	455	3.6	61	J	7.0	37	258	-1.1	-2.6	5.9	3	J
8	449	3.8	67	J	6.3	22	257	-1.2	-3.4	4.5	2	J
9	428	3.6	104	J	5.8	47	288	1.1	-0.8	4.9	3	J
10	428	3.8	99	J	6.0	56	301	1.6	0.4	5.2	3	J
11	442	3.9	92	J	5.6	15	289	1.1	-2.1	2.6	4	J
12	468	3.8	77	J	5.7	-30	219	-1.7	-1.9	-0.3	5	J
13	425	3.2	46	J	6.5	36	316	2.3	-0.6	3.1	5	J
14	412	3.7	32	J	6.7	28	303	3.0	-2.4	5.0	2	J
15	419	4.6	27	J	6.5	-47	288	1.1	-4.9	-1.7	4	J
16	408	4.5	30	J	6.2	-44	286	1.1	-5.1	-1.7	3	J
17	405	4.4	25	J	6.5	-6	296	2.7	-5.4	1.6	2	J
18	405	3.9	28	J	6.5	15	293	2.3	-4.6	3.4	2	J
19	400	3.6	20	J	7.2	31	293	2.3	-4.2	5.1	2	J
20	411	4.6	36	J	7.0	-71	285	0.4	-2.7	-4.1	5	J
21	425	5.8	32	J	7.1	-42	250	-1.7	-5.4	-3.2	3	J
22	411	5.3	25	J	6.5	-39	280	0.8	-5.3	-2.7	3	J
23	416	6.1	18	J	6.2	-14	274	0.3	-5.1	-0.2	4	J
24												

SEP. 10, 1989 (253)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2												
3												
4												
5					6.7	-59	325	2.8	-4.0	-4.5	1	J
6	403	4.3	23	J	7.3	-62	298	1.6	-5.4	-4.4	2	J
7	397	4.3	20	J	7.1	-48	292	1.7	-6.1	-2.4	2	J
8	381	4.4	20	J	6.9	-19	307	3.3	-4.7	0.6	4	J
9	372	4.6	22	J	7.1	-20	324	5.2	-4.5	0.1	2	J
10	379	4.7	34	J	6.6	1	306	3.7	-4.2	2.9	2	J
11	368	4.0	20	J	6.8	-15	322	4.9	-4.1	0.8	2	J
12	362	4.0	21	J	7.1	-10	330	5.3	-3.1	0.8	3	J
13	379	4.3	26	J	7.2	-37	322	4.3	-5.0	-1.6	3	J
14					8.1	-31	322	5.3	-5.7	-1.3	2	J
15	360	4.3	26	J	8.0	4	319	5.8	-4.1	2.9	2	J
16	373	4.2	29	J	7.7	7	319	4.9	-3.5	2.6	4	J
17	386	3.2	22	J	8.1	-47	356	5.2	-2.6	-5.0	2	J
18	384	3.1	24	J	8.4	-27	322	5.5	-5.2	-1.8	3	J
19					8.3	-15	305	4.5	-6.7	-0.1	2	J
20	371	4.0	40	J	7.9	-23	341	6.2	-2.8	-2.1	4	J
21	375	4.3	67	J	8.2	-15	343	7.3	-2.6	-1.5	2	J
22	373	4.3	29	J	8.6	-3	339	7.9	-3.1	0.2	1	J
23	368	4.2	28	J	8.4	5	339	7.4	-2.7	1.3	3	J
24	367	3.4	28	J	8.6	-5	326	6.9	-4.7	0.3	1	J

89-09-11 - 89-09-22

SEP. 11, 1989 (254)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7	349	2.9	36	J	8.9	4	347	8.6	-1.4	1.5	1	J
8	349	3.3	42	J	9.2	13	343	8.5	-1.2	3.1	1	J
9	350	3.2	42	J	9.0	13	340	8.1	-1.4	3.3	1	J
10	364	4.1	78	J	8.6	8	339	7.6	-1.8	2.6	2	J
11	381	5.1	30	J	8.7	-12	333	7.5	-4.2	0.7	1	J
12	374	4.8	39	J	8.7	0	334	7.8	-3.2	2.1	1	J
13	370	4.0	37	J	8.9	22	330	7.1	-1.6	5.1	1	J
14	371	3.7	37	J	8.8	21	330	7.1	-1.9	4.8	1	J
15	364	3.8	46	J	8.6	25	339	7.1	-0.6	4.4	2	J
16	356	5.0	63	J	8.2	19	338	7.1	-1.4	3.6	1	J
17	372	4.9	30	J	8.1	21	335	6.8	-1.8	3.9	1	J
18	371	5.3	63	J	7.8	18	334	6.6	-2.2	3.3	1	J
19	367	5.9	109	J	7.5	10	337	6.7	-2.3	2.1	1	J
20	356	4.8	43	J	7.7	34	337	5.8	-1.3	4.7	1	J
21	372	4.3	40	J	7.8	14	333	6.4	-2.8	2.5	2	J
22	389	5.3	42	J	7.9	9	326	6.1	-3.8	2.0	3	J
23	392	8.3	43	J	8.3	41	341	5.1	-0.8	4.9	4	J
24	428	13.0	74	J	7.3	67	73	0.8	3.9	5.8	3	J

SEP. 12, 1989 (255)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	434	12.6	63	J	8.9	74	66	1.0	3.9	7.5	3	J
2	425	13.3	53	J	8.6	68	4	3.2	2.2	7.6	1	J
3												
4	440	6.3	11	J	10.8	6	104	-2.6	10.2	-2.5	1	J
5	437	7.0	13	J	10.2	5	103	-2.2	9.3	-3.0	2	J
6	405	11.2	24	J	8.2	-3	95	-0.7	6.9	-3.8	2	J
7	435	9.2	19	J	10.9	9	101	-2.0	9.8	-3.5	3	J
8	404	11.0	15	J	10.4	28	91	-0.2	10.0	-0.5	3	J
9	436	10.4	19	J	10.4	17	94	-0.7	9.6	-2.7	3	J
10	407	11.7	19	J	9.5	32	39	5.9	6.6	1.2	3	J
11	404	12.0	19	J	9.0	29	30	6.7	5.6	1.3	2	J
12	413	11.8	32	J	9.6	26	19	7.8	4.5	1.8	3	J
13												
14												
15	428	17.7	37	J	10.1	43	355	4.2	1.6	3.6	8	J
16	417	13.1	27	J	11.7	29	334	8.6	-1.4	6.6	4	J
17	420	9.3	30	J	12.5	31	334	9.1	-1.7	7.3	4	J
18	422	13.6	30	J	11.5	54	360	6.7	3.2	8.6	2	J
19	408	13.8	28	J	10.6	62	11	4.8	3.7	8.6	1	J
20	409	14.9	53	J	9.7	58	354	5.0	1.6	7.9	2	J
21	396	14.9	58	J	10.0	59	346	4.9	0.7	8.5	2	J
22	419	10.4	28	J	11.7	74	78	0.7	5.3	10.1	2	J
23	421	9.1	24	J	11.6	64	101	-1.0	6.9	9.0	2	J
24	419	7.4	23	J	11.6	54	113	-2.7	8.1	7.9	1	J

SEP. 13, 1989 (256)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	416	7.9	25	J	11.4	51	111	-2.6	8.5	7.1	1	J
2	429	7.2	38	J	11.8	60	102	-1.2	8.1	8.2	2	J
3	431	7.1	55	J	10.9	54	95	-0.5	8.6	6.4	2	J
4	426	5.2	132	J	11.5	54	347	6.2	1.7	8.8	4	J
5	400	5.6	56	J	11.5	40	324	6.6	-1.8	8.2	4	J
6	406	5.7	73	J	11.3	48	332	5.7	0.4	7.8	6	J
7	405	7.0	61	J	11.0	14	308	6.0	-5.5	5.8	4	J
8	410	8.4	39	J	11.6	-1	297	4.4	-7.6	4.4	6	J
9	407	10.3	28	J	11.5	22	309	5.3	-3.6	6.4	7	J
10	409	10.0	38	J	10.8	54	334	5.4	2.5	8.3	4	J
11	419	9.8	114	J	9.1	21	323	5.2	-1.8	4.3	6	J
12	437	9.4	85	J	10.0	64	326	2.8	2.3	6.7	7	J
13	444	8.1	136	J	9.4	55	334	3.7	1.7	5.9	6	J
14	440	7.1	175	J	9.2	5	323	7.2	-4.2	3.5	2	J
15	442	7.4	110	J	9.0	-10	329	7.4	-4.6	0.8	1	J
16	448	7.6	131	J	8.1	-21	339	6.1	-3.2	-1.2	4	J
17	450	6.8	163	J	7.8	5	346	6.3	-1.2	1.1	4	J
18					7.8	-24	322	4.9	-4.5	-1.3	4	J
19					7.7	-24	314	3.2	-3.8	-1.0	6	J
20	454	5.4	116	J	8.4	-26	317	5.5	-5.9	-2.2	2	J
21	429	5.6	87	J	8.4	-11	296	3.4	-7.2	0.1	3	J
22	411	6.5	53	J	8.3	-4	295	3.2	-6.8	0.9	3	J
23	409	6.6	41	J	8.2	-2	302	4.2	-6.6	1.1	2	J
24	407	7.9	53	J	7.8	6	302	3.9	-5.9	2.1	2	J

SEP. 14, 1989 (257)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					8.1	16	307	4.5	-5.3	3.5	2	J
2												
3	405	9.0	29	J	8.7	-2	317	6.1	-5.6	1.4	2	J
4	406	10.1	23	J	8.6	-14	302	4.3	-7.1	0.5	2	J
5	395	10.7	24	J	8.2	-3	303	4.4	-6.3	2.2	1	J
6	388	11.3	18	J	7.2	-18	304	3.7	-5.9	0.5	2	J
7	385	11.3	12	J	7.1	-28	306	3.6	-6.0	-0.5	1	J
8	378	11.0	12	J	6.8	-62	271	0.1	-5.4	-3.2	3	J
9	331	23.4	249	J	7.3	-63	208	-2.9	-4.9	-4.6	1	J
10	279	31.3	807	J	7.5	-67	212	-2.5	-5.2	-4.8	1	J
11	403	5.7	10	J	7.7	-68	273	0.1	-5.8	-3.8	3	J
12												
13	380	3.5	25	J	8.3	45	329	5.0	0.7	6.6	0	J
14	377	3.6	29	J	8.1	55	339	4.3	2.0	6.4	1	J
15	367	3.8	58	J	8.0	48	342	5.1	1.5	6.0	1	J
16	370	4.0	52	J	7.7	48	340	4.8	1.0	5.8	1	J
17	360	4.8	59	J	7.3	47	328	4.2	-0.3	5.9	1	J
18					7.1	49	329	4.0	-0.4	5.9	1	J
19					6.7	48	333	4.0	-0.4	5.4	1	J
20	342	4.3	37	J	4.6	32	326	3.0	-1.3	2.7	2	J
21	364	4.0	21	J	6.4	42	341	4.4	-0.5	4.5	1	J
22	365	6.0	28	J	6.5	55	3	3.7	1.3	5.2	1	J
23	363	3.7	8	J	6.8	51	353	4.2	0.6	5.3	1	J
24	362	3.7	14	J	7.1	51	333	4.0	-0.8	5.8	1	J

SEP. 15, 1989 (258)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	360	7.9	42	J	7.2	47	320	3.3	-1.7	5.2	4	J
2	424	9.1	70	J	13.8	48	337	8.3	-0.8	10.5	4	J
3	432	9.4	80	J	11.6	49	7	7.0	3.3	7.5	5	J
4	434	10.8	113	J	11.5	24	28	6.8	4.6	2.0	8	J
5	434	9.3	389	J	12.0	-13	55	6.5	7.6	-6.1	2	J
6	413	9.2	391	J	10.2	-9	353	7.8	-1.4	-0.7	6	J
7	414	9.3	95	J	11.2	12	303	5.1	-5.9	5.5	6	J
8	405	9.0	94	J	11.8	20	313	6.7	-4.3	6.8	5	J
9	411	9.4	105	J	12.3	-15	293	3.6	-8.5	2.6	8	J
10	407	8.7	165	J	10.9	-36	299	4.0	-9.2	-0.9	4	J
11	392	8.6	146	J	11.4	-35	312	6.0	-9.0	-1.4	4	J
12	399	8.3	173	J	9.9	-64	318	3.1	-7.1	-5.4	3	J
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

SEP. 20, 1989 (263)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	398	13.5	483	J	11.2	2	192	-10.8	-2.1	0.9	2	J
2	416	4.8	30	J	11.7	-7	187	-11.4	-1.7	-1.0	1	J
3					11.8	-13	191	-11.1	-2.8	-1.8	2	J
4					11.7	-26	184	-10.4	-2.4	-4.5	2	J
5					11.3	-17	187	-10.7	-2.5	-2.5	1	J
6	404	3.9	8	J	11.1	-20	187	-10.4	-2.8	-2.8	1	J
7	393	4.1	11	J	11.2	-8	183	-11.0	-1.3	-1.1	2	J
8	387	4.2	12	J	11.2	-4	181	-11.1	-0.6	-0.6	1	J
9	393	2.9	8	J	10.9	-5	185	-10.8	-1.3	-0.3	1	J
10	392	3.8	15	J	10.0	-6	186	-9.9	-1.4	-0.3	1	J
11	388	4.4	15	J	9.7	-12	196	-8.9	-3.2	-0.2	2	J
12	387	4.0	12	J	9.6	-9	199	-8.9	-3.4	0.5	2	J
13	392	3.1	22	J	9.7	-4	197	-8.8	-2.6	0.9	3	J
14	394	2.1	33	J	9.6	5	178	-9.1	0.7	0.5	3	J
15	390	1.4	20	J	9.4	12	168	-8.8	2.6	0.8	1	J
16					8.9	9	169	-8.3	2.1	0.5	1	J
17	389	1.4	14	J	9.4	9	178	-9.1	0.9	1.2	1	J
18					9.0	9	182	-8.8	0.2	1.4	1	J
19	399	2.3	27	J	8.5	3	196	-8.0	-2.0	1.1	2	J
20					8.6	12	191	-8.2	-1.1	2.1	1	J
21												
22												
23												
24												

SEP. 21, 1989 (264)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3	384	2.1	47	J	6.4	-35	187	-5.1	-1.6	-3.3	1	J
4	414	2.5	64	J	6.1	-9	185	-5.5	-0.7	-0.7	2	J
5					5.0	4	148	-3.4	2.1	-0.5	3	J
6	415	3.2	118	J	5.7	1	184	-5.3	-0.3	0.2	2	J
7	416	3.4	93	J	6.1	-10	134	-3.9	3.2	-2.7	2	J
8					5.7	-15	154	-4.4	1.2	-2.2	3	J
9	422	5.0	92	J	6.4	-31	151	-4.6	0.5	-4.0	2	J
10	415	4.9	91	J	5.9	-31	157	-4.3	0.0	-3.3	2	J
11	411	4.4	56	J	5.4	3	198	-4.4	-1.0	1.0	3	J
12	401	3.7	39	J	5.3	9	217	-4.0	-2.0	2.4	2	J
13	406	4.4	56	J	5.3	-17	177	-4.9	-0.6	-1.4	1	J
14	415	4.7	64	J	5.0	-14	181	-4.4	-0.7	-0.9	2	J
15	417	5.1	85	J	4.9	-13	193	-3.8	-1.2	-0.3	3	J
16	447	4.8	50	J	5.1	1	216	-3.8	-2.4	1.4	2	J
17	440	4.7	98	J	5.7	27	263	-0.6	-3.2	4.3	2	J
18	421	4.0	65	J	4.8	37	222	-1.5	-0.6	1.9	4	J
19	432	4.1	97	J	5.9	39	204	-3.5	-0.4	3.5	3	J
20	418	3.6	54	J	6.2	47	206	-3.7	-0.4	4.8	1	J
21	399	4.0	59	J	6.0	18	198	-3.8	-0.8	1.6	4	J
22	402	4.1	54	J	6.6	10	167	-6.1	1.6	0.7	2	J
23					7.0	17	162	-6.3	2.4	1.5	1	J
24												

SEP. 22, 1989 (265)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4	487	5.8	164	J	7.7	28	145	-3.5	3.1	1.3	6	J
5	471	6.3	254	J	7.4	26	162	-4.5	2.3	1.5	5	J
6	479	4.8	104	J	8.3	8	94	-0.5	6.8	-2.3	4	J
7	484	4.5	87	J	8.4	16	88	0.2	7.0	-1.6	4	J
8	493	11.8	81	J	7.1	15	83	0.6	4.6	-1.3	6	J
9	497	19.4	50	J	4.9	-11	275	0.4	-3.8	1.6	3	J
10	497	9.6	75	J	6.2	-34	97	-0.4	1.5	-3.9	5	J
11	471	4.6	100	J	7.7	-38	105	-1.4	1.9	-6.6	3	J
12	453	4.6	117	J	7.7	-14	112	-2.4	4.0	-4.7	4	J
13	508	4.7	69	J	7.9	-35	65	2.6	2.3	-6.7	2	J
14	492	12.1	58	J	6.0	-22	65	1.9	2.5	-3.6	4	J
15	486	16.3	52	J	3.3	-2	90	0.0	2.6	-1.6	1	J
16	489	20.5	33	J	2.9	26	137	-1.1	1.3	0.2	2	J
17	487	18.7	33	J	2.9	-32	155	-2.1	0.3	-1.7	1	J
18	489	17.3	29	J	3.3	-7	222	-1.4	-1.3	0.2	3	J
19	483	21.1	26	J	2.7	-22	14	1.3	0.1	-0.6	2	J
20	482	22.9	27	J	3.0	-40	12	2.0	0.0	-1.8	1	J
21	481	15.8	16	J	5.2	-4	198	-2.6	-0.9	0.0	5	J
22	480	10.4	12	J	5.1	17	203	-4.5	-1.5	1.9	1	J
23	467	8.5	53	J	5.3	8	213	-4.3	-2.6	1.3	1	J
24	465	6.4	111	J	6.0	8	220	-4.6	-3.6	1.6	0	J

89-09-23 - 89-10-03

SEP. 23, 1989 (266)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV MAGN	B LAT	GSE LON	GSE	BXGSM	BYGSM	BZGSM	SG	I MF SC
1													
2													
3													
4													
5													
6													
7	378	5.3	103	J	7.0	4	182	-7.0	0.0	0.5	0	J	
8	383	6.5	70	J	7.3	21	183	-6.3	1.0	2.3	2	J	
9	402	6.7	19	J	7.7	40	212	-4.9	0.1	5.7	2	J	
10	402	6.6	23	J	8.0	35	223	-4.7	-1.1	6.2	1	J	
11	405	6.0	24	J	8.0	34	217	-4.8	-0.7	5.4	3	J	
12	407	6.1	36	J	7.4	7	229	-4.6	-3.8	3.7	3	J	
13	395	6.9	58	J	6.4	32	188	-5.2	1.2	3.1	2	J	
14	395	7.0	54	J	6.5	27	186	-5.7	1.0	2.8	1	J	
15	393	7.0	46	J	6.3	23	182	-5.7	1.0	2.2	1	J	
16	390	7.5	56	J	6.1	22	191	-5.5	0.1	2.5	1	J	
17	386	8.4	47	J	5.6	24	200	-4.7	-0.7	2.7	1	J	
18	384	8.5	14	J	5.7	34	195	-4.4	0.0	3.3	1	J	
19	324	23.3	1325	J	5.8	33	180	-4.8	0.9	3.0	1	J	
20	379	8.8	27	J	5.8	30	178	-4.9	0.9	2.7	1	J	
21	381	11.5	27	J	5.4	14	170	-5.1	1.2	1.0	1	J	
22	392	18.1	16	J	3.8	5	194	-3.2	-0.7	0.5	2	J	
23	387	14.7	13	J	4.0	0	180	-3.9	0.0	0.0	1	J	
24	373	13.3	12	J	5.0	9	197	-4.6	-1.2	1.1	1	J	

SEP. 24, 1989 (267)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV MAGN	B LAT	GSE LON	GSE	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	360	8.1	8	J	5.8	-2	194	-5.3	-1.3	0.1	2	J	
2													
3													
4													
5													
6													
7													
8	368	15.3	14	J	4.7	47	181	-3.1	1.7	2.9	1	J	
9	350	24.2	39	J	6.0	25	205	-4.8	-0.5	3.3	1	J	
10	360	13.4	10	J	5.9	9	204	-5.1	-1.4	2.0	2	J	
11	358	16.2	15	J	4.8	-35	217	-3.0	-3.4	-0.9	1	J	
12	357	18.2	16	J	4.4	-34	242	-1.7	-4.0	-0.2	1	J	
13	358	16.1	18	J	4.7	-50	229	-1.9	-3.8	-1.7	1	J	
14	359	16.4	18	J	4.6	-47	277	0.3	-3.8	-1.1	2	J	
15	364	17.7	18	J	3.6	-59	329	0.9	-1.3	-1.2	3	J	
16	358	19.9	10	J	2.6	-21	6	1.7	-0.1	-0.7	2	J	
17	347	21.7	11	J	2.1	-54	294	0.4	-1.2	-0.8	2	J	
18	343	22.3	12	J	2.3	-56	214	-0.7	-0.9	-1.1	2	J	
19	350	19.0	11	J	3.3	-15	299	1.5	-2.7	0.0	1	J	
20	351	19.4	12	J	2.6	-8	318	1.8	-1.6	0.1	1	J	
21					4.6	-57	225	-1.6	-2.3	-3.0	2	J	
22	323	7.8	10	J	4.6	-36	195	-3.5	-1.5	-2.4	1	J	
23	313	8.0	21	J	4.8	-34	185	-3.9	-0.9	-2.5	1	J	
24	310	9.2	21	J	5.4	-29	170	-4.4	0.2	-2.6	2	J	

SEP. 25, 1989 (268)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV MAGN	B LAT	GSE LON	GSE	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	326	8.1	8	J	4.9	-58	162	-2.4	-0.2	-4.1	1	J	
2	328	8.3	11	J	5.8	-67	148	-1.9	-0.2	-5.4	1	J	
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16					2.0	-49	106	-0.3	0.4	-1.8	1	J	
17					1.6	1	30	0.9	0.5	-0.2	1	J	
18	299	16.4	3	J	1.5	-49	42	0.5	0.1	-0.9	1	J	
19	292	15.9	5	J									
20	293	16.3	5	J	2.7	-7	125	-1.5	2.0	-0.9	1	J	
21	289	15.0	4	J	2.7	0	144	-2.1	1.5	-0.4	1	J	
22	290	15.0	5	J	2.8	33	163	-1.8	0.8	1.1	2	J	
23	293	14.5	5	J	3.3	14	152	-2.8	1.6	0.5	0	J	
24	283	14.0	5	J	2.7	19	156	-2.3	1.2	0.6	1	J	

SEP. 26, 1989 (269)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV MAGN	B LAT	GSE LON	GSE	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	280	13.5	6	J	2.7	10	169	-2.5	0.6	0.3	1	J	
2	280	13.5	6	J	2.5	5	180	-2.5	0.1	0.2	0	J	
3					2.4	15	183	-2.3	0.1	0.6	0	J	
4													
5													
6													
7													
8													
9													
10													
11													
12													
13	353	41.3	48	J									
14	355	33.8	40	J									
15	357	31.9	42	J									
16	367	22.9	19	J									
17													
18	368	14.9	17	J									
19	374	14.8	39	J									
20	374	17.9	80	J									
21	373	15.7	79	J									
22	360	15.4	58	J									
23	362	16.7	61	J									
24	369	20.4	86	J									

SEP. 27, 1989 (270)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV MAGN	B LAT	GSE LON	GSE	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	365	20.7	51	J									
2	351	21.1	46	J									
3	350	16.1	20	J									
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													

OCT. 1, 1989 (274)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV MAGN	B LAT	GSE LON	GSE	BXGSM	BYGSM	BZGSM	SG	I MF SC
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14	343	17.0	34	J									
15	351	17.3	46	J									
16	320	10.3	27	J									
17													
18													
19													
20													
21													
22													
23													
24	417	11.6	14	J	12.6	42	262	-1.3	-7.0	9.8	4	J	

OCT. 2, 1989 (275)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV MAGN	B LAT	GSE LON	GSE	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	385	32.1	78	J	12.0	41	267	-0.5	-7.0	9.6	2	J	
2					11.5	49	253	-2.2	-4.7	10.2	1	J	
3	404	16.4	10	J	10.6	53	224	-4.5	-1.7	9.3	1	J	
4	381	38.3	124	J	10.9	59	222	-4.0	-0.3	9.6	4	J	
5	463	47.9	78	J	19.4	53	269	-0.2	-4.5	18.2	5	J	
6	461	50.3	121	J	15.2	80	222	-1.9	4.8	13.6	5	J	
7	462	37.3	91	J	17.1	41	259	-2.1	-4.9	13.8	9	J	
8	464	42.9	58	J	15.5	28	253	-3.9	-7.1	12.6	4	J	
9	455	40.7	70	J	14.3	27	230	-6.1	-4.5	10.6	2	J	
10	447	44.3	78	J	10.8	35	260	-1.4	-3.4	9.3	5	J	
11	431	39.0	119	J	12.7	37	309	6.0	-2.0	10.1	5	J	
12	422	34.1	98	J	15.5	41	300	5.4	-2.5	13.0	6	J	
13	403	34.4	73	J	14.2	38	322	8.6	-1.0	10.8	3	J	
14	434	35.8	63	J	13.3	76	237	-1.6	4.1	11.6	5	J	
15	412	33.0	86	J	7.8	39	335	4.6	0.1	4.7	4	J	
16	404	25.0	72	J	7.6	30	142	-4.3	4.4	1.4	5	J	
17	399	24.1	61	J	8.2	32	151	-5.6	4.4	2.5	3	J	
18	389	22.8	65	J	8.0	26	179	-6.6	1.2	3.0	3	J	
19	384	24.6	78	J	8.1	18	200	-5.7	-1.4	2.5	5	J	
20													
21													
22													
23													
24													

OCT. 3, 1989 (276)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV MAGN	B LAT	GSE LON	GSE	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	376	15.4	67	J	8.4	56	156	-4.2	3.4	6.3	1	J	
2	380	15.8	64	J	8.0	57	156	-3.7	3.2	5.7	3	J	
3	382	16.0	60	J	7.6	71	174	-2.4	2.3	6.6	2	J	
4	384	16.4	63	J	7.9	80	133	-0.9	3.5	6.8	2	J	
5	392	17.4	75	J	7.5	70	88	0.1	4.7	5.0	3	J	
6	397	18.4	74	J	7.0	78	39	1.0	3.4	5.0	4	J	
7	397	18.2	83	J	6.3	20	89	0.1	3.7	-0.6	5	J	
8	401	16.4	100	J	6.8	3	260	-1.1	-5.1	3.5	3	J	
9	399	12.4	83	J	9.8	3	258	-1.9	-7.3	5.4	3	J	
10	404	10.3	57	J	10.4	64	270	0.0	1.4	9.6	4	J	
11	403	15.0	67	J	7.9	59	75	0.7	4.4	2.1	6	J	
12	397	12.9	77	J	8.6	23	88	0.2	6.1	-1.2	6	J	
13	394	9.8	63	J	9.7	-27	101	-1.5	4.3	-7.6	4	J	
14	390	10.4	51	J	9.0	15	104	-1.9	7.6	-2.1	4	J	
15	387	7.0	37	J	10.1	13	101	-1.7	8.5	-2.3	4	J	
16	391	4.8	43	J	9.7	12	105	-2.2	8.0	-1.9	5	J	
17	404	3.7	46	J	10.3	-32	96	-0.9	5.8	-8.3	1	J	
18	393	7.1	48	J	8.6	8	116	-3.4	6.9	-1.3	4	J	
19	397	10.2	37	J	7.2	17	124	-3.3	5.1	0.3	4	J	
20	390	13.0	24	J	7.0	-7	300	3.3	-5.8	0.7	2	J	
21	391	13.0	25	J	7.4	-24	306	3.8	-5.8	-1.6	2	J	
22													
23													
24													

89-10-04 - 89-10-13

OCT. 4, 1989 (277)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3	380	9.6	83	J	6.0	-6	330	4.0	-2.3	0.2	4	J
4	389	8.7	69	J	5.8	-19	321	3.5	-3.2	-0.5	3	J
5	383	8.1	90	J	5.4	22	351	3.9	0.1	1.7	3	J
6	404	6.7	40	J	5.6	23	306	2.2	-2.0	2.7	4	J
7	391	6.8	63	J	5.3	42	341	2.7	0.4	2.7	4	J
8	401	5.8	29	J	5.5	-17	290	1.4	-4.0	1.0	3	J
9	398	6.1	37	J	5.8	21	300	2.4	-2.5	3.8	3	J
10	393	6.5	33	J	6.0	-11	297	2.5	-4.7	1.9	2	J
11	388	6.5	29	J	6.2	-12	309	3.6	-4.4	1.5	2	J
12	389	6.2	24	J	6.4	-22	305	3.3	-5.2	0.7	1	J
13	390	6.4	27	J	6.3	-26	304	3.1	-5.4	0.2	1	J
14	389	5.9	23	J	6.7	-22	313	4.1	-5.0	0.2	1	J
15	405	7.0	23	J	6.8	-10	292	1.9	-4.6	1.5	4	J
16	397	8.1	28	J	6.7	-14	283	1.4	-6.0	1.2	2	J
17	397	8.7	38	J	6.9	5	308	3.1	-3.4	1.9	5	J
18	396	8.0	22	J	7.3	-23	294	2.7	-6.7	-0.6	1	J
19	384	9.1	37	J	7.0	-24	305	3.6	-5.8	-1.2	1	J
20	373	9.9	54	J	6.6	-5	314	4.5	-4.6	0.6	1	J
21	382	11.0	40	J	6.7	-6	299	3.1	-5.6	0.6	2	J
22	383	10.9	30	J	6.7	-14	321	4.2	-3.6	-0.6	4	J
23	385	10.3	38	J	6.8	-24	314	4.1	-4.6	-1.7	2	J
24												

OCT. 5, 1989 (278)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5	366	5.9	19	J	7.3	4	306	4.3	-5.2	2.8	1	J
6	365	5.7	17	J	7.3	9	300	3.6	-5.0	3.7	1	J
7	366	6.2	17	J	7.2	12	299	3.4	-4.7	4.3	1	J
8	366	6.7	17	J	7.1	13	296	3.0	-4.4	4.5	1	J
9	367	6.9	22	J	6.5	18	306	3.5	-3.0	4.3	2	J
10	368	7.4	25	J	6.2	9	307	3.5	-3.3	3.4	2	J
11	361	8.2	32	J	6.1	31	4	4.8	1.9	2.2	3	J
12	350	8.6	66	J	6.0	14	344	5.4	-0.5	2.0	2	J
13	348	8.8	68	J	5.8	21	342	5.1	-0.3	2.6	1	J
14	359	8.5	35	J	6.3	-14	311	3.6	-4.2	0.9	3	J
15	400	6.8	67	J	5.3	-64	262	-0.2	-2.0	-1.5	5	J
16	414	5.9	131	J	4.0	52	32	1.9	2.3	2.0	2	J
17	396	5.0	141	J	5.2	9	345	4.7	-0.9	1.2	2	J
18	408	5.3	87	J	5.2	20	330	3.0	-1.2	1.8	4	J
19	408	5.5	129	J	5.4	36	324	3.1	-1.4	3.4	2	J
20	414	5.1	144	J	5.0	10	305	2.4	-3.1	1.6	3	J
21	415	5.2	159	J	4.6	-4	288	1.2	-3.6	0.5	3	J
22	416	5.4	141	J	4.7	-28	306	2.2	-3.4	-1.4	2	J
23	400	5.5	117	J	5.0	-38	348	3.6	-1.3	-2.7	2	J
24	386	5.7	155	J	5.2	-13	345	4.6	-1.4	-0.8	2	J

OCT. 6, 1989 (279)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8	366	8.4	188	J	7.2	13	352	6.6	0.0	1.8	2	J
9	395	6.7	116	J	7.3	21	320	5.0	-2.2	4.4	2	J
10					7.6	25	313	4.6	-2.3	5.4	1	J
11	394	8.4	378	J	7.3	24	327	5.5	-1.3	4.4	1	J
12	388	7.5	173	J	9.1	25	332	7.0	-1.0	5.2	3	J
13	390	7.8	195	J	9.3	31	346	7.6	0.9	5.0	2	J
14	389	7.4	171	J	8.6	-3	323	4.9	-3.3	1.6	6	J
15	396	7.8	187	J	7.5	-34	291	1.4	-4.5	-0.6	6	J
16	377	7.7	119	J	8.8	-30	311	4.1	-5.9	-1.2	5	J
17	369	7.4	65	J	10.3	-46	301	3.4	-7.9	-4.1	4	J
18	368	8.9	85	J	9.0	-24	304	3.7	-6.2	-0.9	5	J
19	385	9.4	111	J	7.9	-25	288	2.0	-6.9	-1.1	3	J
20	385	9.0	107	J	7.6	-23	295	2.7	-6.3	-1.2	3	J
21	361	9.7	161	J	7.0	21	350	5.9	-0.5	2.5	3	J
22	364	9.7	120	J	7.5	26	318	4.8	-3.6	4.0	2	J
23	390	9.4	60	J	7.9	-17	308	2.7	-3.7	-0.6	7	J
24	384	8.6	73	J	8.9	-48	280	0.8	-5.6	-4.2	6	J

OCT. 7, 1989 (280)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					8.6	43	298	2.9	-4.1	6.9	1	J
2	374	8.7	71	J	7.4	7	286	1.9	-6.2	2.5	2	J
3	368	9.0	77	J	7.5	-6	293	2.4	-5.5	1.0	4	J
4	380	9.2	59	J	7.9	-79	288	0.4	-3.8	-6.5	2	J
5	373	9.5	70	J	7.6	-70	323	1.9	-3.9	-5.6	3	J
6	372	9.3	86	J	8.0	-28	295	2.6	-6.6	-0.5	4	J
7	375	9.6	112	J	8.4	6	298	3.8	-5.8	4.2	2	J
8	370	10.9	123	J	9.0	12	310	5.1	-4.3	4.6	4	J
9	373	10.9	116	J								
10	398	12.0	132	J								
11	395	12.2	111	J								
12	380	10.4	69	J	10.5	25	311	5.4	-3.0	6.6	5	J
13	392	10.6	61	J	10.4	-1	301	4.9	-7.0	4.2	4	J
14	399	11.6	63	J	10.6	-25	298	3.5	-7.5	0.4	7	J
15	395	11.5	71	J	10.2	0	304	4.9	-6.4	3.5	5	J
16	380	10.4	57	J	10.1	-9	336	7.2	-3.4	0.3	6	J
17	397	9.2	67	J	11.0	31	303	4.9	-4.9	7.8	4	J
18	384	8.7	59	J	10.0	-22	322	6.8	-6.2	-1.5	4	J
19	393	7.2	90	J	9.6	-1	323	6.9	-5.1	1.4	4	J
20	412	7.1	107	J	9.7	16	315	5.6	-4.9	3.6	5	J
21	415	7.5	127	J	9.7	-23	312	5.5	-6.7	-2.1	4	J
22	400	7.3	105	J	9.7	-3	318	6.3	-5.7	0.7	5	J
23	382	6.9	78	J	9.5	-10	346	8.6	-2.4	-1.1	3	J
24	417	7.3	94	J	9.5	14	317	5.4	-4.6	2.8	6	J

OCT. 8, 1989 (281)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	428	11.2	131	J	12.5	10	327	9.6	-5.6	3.3	5	J
2	460	10.6	128	J	14.4	11	320	9.5	-7.1	4.3	7	J
3	466	10.1	120	J	13.9	3	313	8.9	-9.0	3.4	5	J
4	481	9.1	144	J	13.2	-11	306	7.4	-10.4	1.1	3	J
5	465	8.1	109	J	13.4	13	315	8.6	-6.8	5.9	5	J
6	461	9.7	187	J	11.3	0	304	5.4	-7.2	3.5	6	J
7	428	8.9	129	J	10.6	9	335	8.8	-2.9	3.3	4	J
8	439	8.9	151	J	10.4	3	322	6.8	-4.3	3.2	6	J
9	434	8.9	132	J	9.9	4	320	6.0	-4.0	3.2	6	J
10												
11												
12	414	8.1	129	J	7.5	67	346	2.6	3.0	5.7	3	J
13	432	7.9	136	J	7.4	-8	272	0.2	-5.1	2.3	5	J
14	429	7.7	136	J	7.2	-3	291	1.8	-4.1	2.1	5	J
15	432	8.6	137	J	7.4	-40	299	2.4	-5.8	-1.6	3	J
16	415	7.7	151	J	6.7	-35	316	3.5	-4.6	-1.6	3	J
17	412	6.3	109	J	7.1	-15	301	3.3	-5.7	0.5	3	J
18	400	6.0	110	J	6.5	-6	328	5.1	-3.2	0.5	2	J
19	405	6.0	106	J	7.3	-4	321	5.2	-4.2	0.8	3	J
20	415	5.9	150	J	7.4	-3	317	5.3	-4.8	0.9	2	J
21	419	6.2	208	J	7.0	-7	326	5.6	-3.9	0.0	2	J
22	419	6.3	208	J	7.2	-7	322	4.7	-3.7	0.0	4	J
23	438	6.4	164	J	7.7	-46	328	3.5	-3.0	-3.8	5	J
24	459	6.9	100	J	7.8	38	73	1.5	5.5	2.9	4	J

OCT. 9, 1989 (282)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	474	6.7	109	J	7.4	40	105	-1.3	5.6	3.0	3	J
2	459	6.8	141	J	6.8	8	64	1.8	3.7	-0.4	5	J
3	454	6.6	127	J	7.1	14	51	3.8	5.0	0.1	3	J
4												
5												
6	466	6.7	112	J	10.0	-8	339	7.7	-3.2	0.2	6	J
7	481	5.6	119	J	10.6	32	331	7.4	-1.1	6.6	3	J
8	486	5.3	141	J	10.5	19	316	6.4	-3.7	5.8	5	J
9	496	3.8	86	J	11.8	22	312	7.1	-4.3	7.9	3	J
10	505	3.4	78	J	11.6	28	317	7.4	-2.8	8.3	2	J
11	510	4.2	105	J	10.8	19	319	7.4	-3.5	6.4	3	J
12	512	5.0	151	J	10.3	11	314	7.0	-4.9	5.6	1	J
13												
14												
15	486	5.4	126	J	8.9	29	302	3.8	-3.5	6.3	4	J
16	488	5.6	148	J	8.9	32	306	4.1	-3.3	6.4	3	J
17	519	5.6	121	J	10.1	50	284	1.5	-2.8	9.3	2	J
18	519	6.5	89	J	10.9	40	272	0.3	-4.9	8.3	5	J
19	535	7.1	70	J	11.5	18	264	-1.0	-8.3	5.8	5	J
20	507	7.0	65	J	12.5	26	289	3.3	-8.2	7.2	5	J
21	523	5.8	45	J	14.3	76	252	-0.8	-0.2	10.9	9	J
22	530	9.2	60	J	13.9	56	261	-1.1	-5.0	12.1	5	J
23	552	8.0	196	J	10.8	17	286	2.1	-6.7	3.6	8	J
24	594	7.4	206	J	10.4	8	306	5.0	-6.5	2.5	6	J

OCT. 10, 1989 (283)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	600	6.8	210	J	9.9	34	308	4.8	-4.9	6.5	3	J
2	622	6.6	192	J	9.0	52	291	1.8	-2.9	7.3	4	J
3	582	7.9	338	J								
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

OCT. 13, 1989 (286)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20					8.5	-1	9	8.4	1.3	-0.5	0	J
21					8.3	-6	11	8.1	1.4	-1.2	1	J
22												
23					7.2	-18	6	5.5	0.2	-1.9	4	J
24					7.7	-21	3	7.1	-0.1	-2.7	1	J

89-10-14 - 89-10-21

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					OCT. 14, 1989 (287)							
1					8.2	-17	10	7.7	0.8	-2.6	1	J
2					8.4	-16	10	8.0	0.8	-2.6	1	J
3					8.2	-21	8	7.5	0.2	-3.1	1	J
4					7.5	-23	355	6.8	-1.5	-2.5	1	J
5					6.7	-38	5	5.2	-1.1	-3.9	1	J
6					4.7	-79	343	0.2	-0.6	-1.0	5	J
7					4.3	32	189	-3.0	0.5	1.9	2	J
8					4.1	25	202	-3.1	-0.3	2.0	2	J
9					5.7	41	235	-1.3	-0.5	2.7	5	J
10					6.3	10	290	0.7	-1.5	1.4	6	J
11					3.8	5	213	-1.6	-0.8	0.7	4	J
12					3.9	17	230	-2.3	-1.7	2.4	2	J
13					9.6	54	276	0.6	-0.7	9.1	4	J
14					10.9	59	291	2.0	0.1	10.6	1	J
15					11.3	58	290	2.0	-0.6	11.0	1	J
16					11.0	62	311	3.3	0.5	10.1	3	J
17					9.4	52	271	0.1	-2.3	7.8	5	J
18					9.1	40	253	-2.0	-4.4	7.6	1	J
19												
20												
21												
22												
23												
24					9.2	-33	300	3.6	-7.0	-3.5	3	J
					OCT. 16, 1989 (289)							
1	377	7.3	34	J	10.9	21	299	4.8	-7.6	5.4	3	J
2	386	8.3	50	J	11.1	-10	302	5.0	-8.1	0.2	6	J
3												
4												
5												
6												
7												
8	425	9.2	41	J	11.8	66	150	-4.1	7.4	8.0	2	J
9	410	10.0	37	J	13.5	85	139	-0.9	7.7	10.8	2	J
10	417	20.6	84	J	10.7	75	190	-2.1	4.0	6.9	7	J
11	409	30.2	87	J	5.5	18	184	-3.9	0.5	1.2	4	J
12	426	27.8	90	J	6.7	39	300	2.1	-1.3	4.9	4	J
13	430	25.6	76	J	4.9	15	69	1.3	3.3	-0.9	3	J
14	433	20.2	58	J	6.4	-18	65	2.1	3.2	-3.7	4	J
15	457	11.7	40	J	9.2	-28	50	5.2	3.5	-6.6	1	J
16	444	10.1	44	J	9.1	-23	61	3.8	4.9	-5.9	3	J
17	419	10.2	25	J	9.3	-3	92	-0.3	8.3	-3.7	2	J
18	422	9.0	19	J	9.4	-1	95	-0.8	8.7	-3.1	2	J
19	399	9.1	33	J	9.5	-6	101	-1.7	8.0	-3.2	4	J
20	395	8.6	23	J	9.7	3	122	-4.9	7.8	-1.3	3	J
21	380	10.4	83	J	8.5	9	140	-6.1	5.3	0.2	3	J
22	396	10.0	38	J	9.3	2	120	-4.4	7.5	-1.1	3	J
23	387	9.8	46	J	9.5	11	121	-4.7	7.9	0.4	2	J
24	387	10.1	52	J	9.5	0	123	-4.9	7.4	-1.3	3	J
					OCT. 18, 1989 (291)							
1	341	8.2	26	J	8.0	-9	123	-4.1	6.0	-2.4	3	J
2												
3												
4												
5												
6	359	8.0	33	J	9.1	-13	196	-6.2	-2.2	-0.6	6	J
7	362	7.6	46	J	8.9	-6	165	-8.4	1.6	-1.8	1	J
8	357	8.3	71	J	8.3	-12	165	-7.5	0.9	-2.4	2	J
9	351	7.2	80	J	7.9	-6	159	-7.2	1.9	-2.2	1	J
10	355	10.2	80	J	8.1	-33	167	-5.4	-0.9	-3.7	5	J
11	354	9.9	84	J	8.8	-11	145	-6.5	3.0	-3.8	4	J
12	367	10.1	85	J	9.1	-8	116	-3.6	5.6	-4.9	4	J
13	354	10.6	98	J	9.4	-10	142	-6.9	3.8	-4.1	3	J
14	351	9.6	104	J	9.0	16	147	-7.1	5.2	-0.1	2	J
15	349	8.8	73	J	9.2	-5	139	-6.5	4.7	-3.2	3	J
16	359	11.2	44	J	9.6	20	129	-5.4	7.4	0.2	3	J
17	370	10.0	61	J	10.5	18	124	-5.3	8.5	0.1	3	J
18	386	10.7	52	J	10.6	6	108	-3.1	9.4	-1.9	3	J
19	385	11.0	67	J	10.9	4	124	-5.8	8.5	-1.6	3	J
20	373	11.4	68	J	12.1	-5	132	-7.9	8.3	-3.0	3	J
21	376	10.8	69	J	11.6	-19	119	-5.2	8.5	-5.4	3	J
22	372	10.3	52	J	11.7	18	148	-8.9	6.0	2.4	4	J
23	432	8.1	69	J	13.6	-18	118	-5.9	10.3	-5.9	3	J
24	431	9.7	100	J	13.8	-44	147	-7.8	3.5	-9.8	5	J
					OCT. 20, 1989 (293)							
1	507	2.8	55	J	9.9	-15	161	-8.7	2.5	-3.0	3	J
2	504	3.4	91	J	9.3	-12	142	-6.9	4.9	-3.0	2	J
3	487	3.9	122	J	9.4	-3	144	-7.3	5.0	-1.8	2	J
4	483	3.8	96	J	9.5	-4	147	-7.7	4.5	-2.2	3	J
5	466	4.5	109	J	9.3	1	143	-7.0	5.0	-1.8	3	J
6	463	6.1	58	J	10.3	-10	129	-6.3	6.3	-4.8	2	J
7	477	6.7	58	J	10.1	-17	111	-3.4	6.5	-6.6	2	J
8	475	6.9	65	J	10.2	-21	112	-3.5	5.7	-7.3	2	J
9	469	7.5	77	J	10.2	-17	119	-4.1	4.9	-6.0	5	J
10	458	8.0	75	J	12.5	-30	135	-7.2	2.9	-8.9	5	J
11	485	13.7	233	J	17.7	-14	157	-13.4	2.8	-6.1	9	J
12	587	15.2	257	J	20.9	-40	104	-3.3	5.2	-16.9	11	J
13	608	18.6	394	J	26.9	-62	136	-7.2	-3.6	-19.7	16	J
14	631	16.5	386	J	26.2	-54	174	-13.3	-7.6	-16.8	15	J
15	638	11.3	349	J	16.6	-42	129	-7.1	3.4	-13.0	7	J
16	677	5.1	84	J	6.8	-33	117	-2.1	2.6	-4.4	5	J
17	717	10.7	131	J	7.7	-8	119	-2.5	4.0	-2.3	8	J
18	773	29.8	517	J	21.5	-11	80	2.6	13.4	-7.4	16	J
19	785	32.6	626	J	24.9	-12	78	4.7	19.9	-10.2	11	J
20	781	26.3	441	J	26.5	40	83	2.0	19.0	9.9	17	J
21	809	13.01733		J	17.4	7	79	2.0	10.4	-0.7	15	J
22	822	5	54223	J	18.2	-15	8	14.3	1.3	-4.1	12	J
23	855	3.32610		J	15.6	8	360	13.9	0.3	1.9	7	J
24	876	2.41960		J	22.2	-22	351	19.8	-4.4	-7.5	5	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					OCT. 15, 1989 (288)							
1					10.8	-38	318	6.1	-6.7	-5.2	3	J
2					11.3	-41	306	5.0	-8.4	-5.6	1	J
3					11.5	-34	293	3.6	-9.9	-3.7	3	J
4					12.3	-40	307	5.5	-9.4	-4.9	3	J
5					11.8	-27	306	5.6	-8.9	-1.6	5	J
6					9.6	8	322	7.3	-4.6	3.6	2	J
7					9.9	13	320	7.2	-4.3	4.8	1	J
8					9.3	18	317	6.3	-3.7	5.4	2	J
9	327	5.6	46	J	8.8	-4	320	6.6	-5.0	2.4	2	J
10	383	4.6	64	J	8.5	-1	309	5.2	-5.5	3.4	2	J
11	349	4.9	55	J	8.3	4	310	5.3	-4.9	3.9	1	J
12	352	3.8	63	J	8.1	4	314	5.5	-4.5	3.5	2	J
13	337	3.3	28	J	7.8	-1	321	5.9	-4.1	2.4	2	J
14	330	3.0	12	J	7.7	-14	334	6.5	-3.7	0.0	2	J
15	333	3.6	28	J	7.4	-18	330	6.1	-4.2	-0.4	1	J
16	341	4.9	25	J	6.6	-17	321	4.7	-4.2	-0.1	2	J
17	348	4.2	21	J	6.5	-16	324	4.9	-3.9	-0.3	2	J
18	342	5.2	39	J	6.7	-29	328	4.7	-3.8	-2.0	2	J
19	362	6.5	21	J	7.8	-68	343	2.2	-2.2	-5.3	5	J
20	357	7.1	17	J	8.2	8	305	3.7	-5.0	2.1	5	J
21	349	6.4	15	J	7.7	17	306	4.2	-5.2	3.3	2	J
22	332	5.8	46	J	7.3	0	317	5.3	-4.8	0.9	1	J
23	327	4.3	31	J	7.1	9	324	5.5	-3.8	1.8	2	J
24	335	5.3	25	J	7.3	17	333	5.6	-2.5	2.4	3	J
					OCT. 17, 1989 (290)							
1	377	10.6	61	J	9.3	-25	130	-5.1	5.2	-4.8	3	J
2					9.5	-11	131	-6.1	6.4	-3.4	0	J
3												
4	379	8.7	58	J	10.0	-13	115	-4.0	7.4	-4.8	2	J
5	370	8.1	78	J	9.9	-5	123	-5.2	7.1	-3.8	3	J
6	361	8.7	88	J	9.0	-4	137	-5.8	4.6	-2.8	4	J
7	382	8.9	52	J	9.5	7	99	-1.5	8.7	-3.3	1	J
8	380	8.3	29	J	10.1	9	98	-1.3	9.1	-3.5	2	J
9	358	9.0	35	J	9.7	-10	120	-4.2	5.4	-5.1	4	J
10	345	9.3	28	J	8.7	-35	143	-5.0	0.8	-5.8	4	J
11	339	10.2	32	J	8.9	-1	122	-4.6	6.0	-4.1	2	J
12	342	9.6	32	J	8.5	-10	123	-4.0	4.5	-4.4	4	J
13	336	7.8	16	J	8.5	14	132	-5.5	6.2	-1.4	2	J
14	333	8.0	18	J	8.3	20	139	-5.8	5.8	0.0	1	J
15	355	9.0	24	J	8.3	23	111	-2.7	7.6	-0.3	2	J
16	339	9.3	32	J	7.7	10	164	-4.6	1.6	0.2	6	J
17	341	9.4	31	J	7.1	-10	225	-4.4	-4.5	0.6	3	J
18	342	9.6	40	J	6.9	-5	227	-4.5	-4.7	1.0	2	J
19	330	8.5	24	J	6.9	-20	159	-4.7	1.3	-2.3	4	J
20	334	8.7	27	J	7.1	-9	136	-5.0	4.5	-2.2	1	J
21	335	8.8	23	J	7.2	-4	128	-4.3	5.3	-1.6	2	J
22	343	9.0	38	J	7.4	-6	120	-3.6	6.1	-1.9	1	J
23	348	8.2	23	J	7.2	-17	117	-3.0	5.5	-3.0	2	J
24	339	8.0	20	J	7.4	1	121	-3.8	6.2	-1.0	1	J
					OCT. 19, 1989 (292)							
1	432	14.5	75	J	13.1	-48	109	-2.4	5.3	-9.4	7	J
2					13.6	6	111	-4.8	12.5	-1.4	1	J
3												
4												
5												
6												
7												
8	579	3.5	233	J	9.8	47	141	-3.9	5.4	3.1	6	J
9	561	3.9	231	J	8.9	-14	133	-4.8	3.4	-4.2	5	J
10	593	3.2	156	J	8.4	-7	118	-3.6	5.3	-4.5	3	J
11	583	2.8	95	J	7.7	-2	146	-5.6	3.1	-2.3	4	J
12	558	2.8	71	J	8.3	3	167	-8.1	1.8	-0.6	1	J
13												
14	515	2.9	88	J	9.2	6	170	-8.9	1.8	0.1	1	J
15	516	2.9	75	J	9.1	2	171	-8.9	1.4	-0.3	1	J
16	512	3.0	87	J	9.4	0	166	-9.0	2.1	-0.9	1	J
17	508	2.7	67	J	9.3	-1	159	-8.7	3.1	-1.3	1	J
18	511	2.9	79	J	9.7	-3	153	-8.5	4.0	-1.8	1	J
19	522	3.0	187	J	10.0	-5	152	-8.7	4.2	-2.0	1	J
20	522	2.7	119	J	9.8	-7	161	-8.9	2.7	-1.8	2	J
21	528	2.7	97	J	10.0	0	175	-9.7	0.8	-0.2	2	J
22	526	3.1	101	J	10.5	-4	162	-9.7	3.0	-1.2	3	J
23	490	3.8	129	J	10.0	0	186	-9.3	-1.0	0.2	3	J
24	490	3.8	235	J	9.9	-12	184	-9.5	-1.0	-1.9	2	J
					OCT. 21, 1989 (294)							
1	918	1.9	714	J	32.0	-6	36	24.5	16.9	-6.4	10	J
2	916	2.51389		J	33.5	15	33	26.7	18.8	4.6	4	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14					10.4	-35	133	-5.8	2.6	-8.1	1	J
15					10.2	-37	126	-4.7	3.2	-8.3	2	J
16					9.4	-49	125	-3.4	1.8	-8.2	2	J
17					9.1	-36	122	-3.9	3.9	-7.1	1	J
18					8.7	-34	120	-3.6	4.4	-6.4	1	J
19					8.4	-28	121	-3.8	5.1	-5.4	1	J
20					8.1	-30	120	-3.5	5.1	-5.3	1	J
21					8.5	-43	121	-3.2	4.1	-6.6	1	J
22	847	5.4	538	J	6.8	-58	137	-2.6	1.4	-5.9	2	J
23					6.0	-85	38	0.4	-0.6	-5.8	2	J
24					5.8	-62	344	2.6	-1.5	-4.8	1	J

OCT. 22, 1989 (295)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					5.6	-55	340	3.0	-1.9	-4.3	1	J
2					5.4	-44	338	3.5	-2.2	-3.3	1	J
3					5.4	-42	350	3.8	-1.5	-3.2	1	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

OCT. 26, 1989 (299)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16	576	13.6	500	J								
17	539	20.1	370	J								
18	559	14.7	541	J								
19	550	18.7	279	J	11.6	14	101	-1.6	8.5	0.1	7	J
20	529	20.0	224	J	11.3	-13	110	-2.4	6.1	-2.9	9	J
21	524	19.5	168	J	10.2	48	64	2.5	6.2	5.4	5	J
22	511	17.9	250	J	9.8	49	141	-3.6	3.7	4.9	7	J
23	491	15.1	252	J	9.4	3	142	-6.6	5.2	-0.3	3	J
24	494	13.8	195	J	7.8	-9	65	2.5	5.3	-1.7	5	J

OCT. 27, 1989 (300)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	487	10.9	142	J	9.8	28	60	4.0	7.6	3.1	4	J
2	477	8.8	210	J	8.8	48	46	3.9	5.2	5.3	3	J
3	469	9.7	370	J	7.6	-26	157	-5.5	1.6	-3.4	4	J
4	474	10.0	245	J	5.8	33	109	-1.3	4.4	1.4	3	J
5	488	9.5	189	J	6.9	38	87	0.3	5.9	1.9	3	J
6	492	8.5	181	J	7.9	20	125	-4.0	6.3	0.1	2	J
7	499	9.8	177	J	7.8	8	127	-4.2	5.5	-1.6	3	J
8	487	11.6	192	J	4.6	21	112	-1.5	4.0	-0.4	2	J
9	484	10.3	156	J	4.6	-5	102	-0.4	1.6	-1.1	4	J
10	477	8.5	104	J	4.8	30	64	1.4	3.5	0.1	3	J
11	467	7.8	101	J	4.4	-14	132	-2.5	1.9	-2.2	2	J
12	470	6.3	65	J	4.7	-10	82	0.6	3.3	-2.8	2	J
13	474	6.6	57	J	4.6	24	75	1.1	4.4	-0.3	1	J
14												
15	451	6.1	58	J	4.9	17	74	1.1	4.0	-0.5	3	J
16	450	5.5	58	J	5.3	58	55	1.6	3.8	3.2	1	J
17	453	6.5	61	J	4.8	60	80	0.4	3.1	2.7	2	J
18	459	7.2	83	J	5.0	12	134	-3.1	3.3	0.0	2	J
19	458	6.2	57	J	5.2	-30	141	-3.4	2.1	-3.1	1	J
20	450	6.1	82	J	5.3	-26	156	-4.3	1.4	-2.6	1	J
21	467	5.9	83	J	5.2	-35	159	-3.8	1.0	-3.1	2	J
22	478	6.9	128	J	4.2	-2	150	-3.1	1.8	-0.4	2	J
23	474	6.7	88	J	4.7	73	153	-1.1	1.1	3.8	3	J
24	483	6.2	84	J	3.9	60	68	0.7	2.2	3.0	1	J

OCT. 28, 1989 (301)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	489	7.2	88	J	3.5	69	129	-0.7	1.2	2.5	2	J
2	473	7.7	76	J	3.1	6	153	-1.7	0.9	0.0	2	J
3	472	6.7	62	J	4.2	-36	212	-2.7	-2.2	-1.8	2	J
4	486	6.9	65	J	3.9	-7	286	0.9	-3.1	0.5	2	J
5	483	6.8	62	J	4.2	-8	303	2.0	-3.1	0.6	2	J
6	475	7.6	67	J	4.1	30	324	2.3	-0.9	2.2	2	J
7	475	8.2	65	J	4.0	34	307	1.8	-1.3	2.9	2	J
8	462	8.7	50	J	4.3	71	41	0.8	2.1	2.4	3	J
9	462	8.4	41	J	6.1	67	3	2.1	2.6	4.3	3	J
10	476	8.0	56	J	6.7	34	312	3.6	-1.6	5.2	2	J
11	462	8.1	33	J	7.8	24	306	4.1	-3.3	5.6	1	J
12	450	15.6	42	J	4.3	39	287	0.4	-0.5	1.5	4	J
13	437	15.2	32	J	5.5	36	141	-3.4	3.9	1.4	1	J
14	428	15.5	28	J	5.9	0	162	-5.4	1.6	-0.8	2	J
15	432	13.7	24	J	7.7	-23	144	-5.6	2.5	-4.4	2	J
16	438	8.5	25	J	8.7	-27	130	-4.9	4.0	-5.8	1	J
17	435	8.8	23	J	8.4	-26	136	-5.3	3.7	-5.1	2	J
18	442	6.1	30	J	8.6	21	99	-1.2	7.9	0.7	3	J
19	462	2.8	43	J	8.2	-10	131	-4.3	4.6	-2.3	5	J
20	470	2.0	54	J	8.2	-15	137	-5.7	4.8	-3.1	1	J
21	482	1.6	74	J	8.0	-14	138	-5.7	4.8	-2.7	1	J
22	486	1.5	55	J	7.6	0	138	-5.4	4.8	-0.7	2	J
23					7.5	2	139	-5.7	4.9	-0.4	1	J
24	447	2.7	37	J	7.4	6	135	-5.1	5.1	0.1	2	J

OCT. 29, 1989 (302)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	456	2.7	43	J	7.4	-1	140	-5.5	4.6	-0.8	1	J
2	430	4.5	47	J	7.2	-7	139	-5.2	4.3	-1.7	1	J
3	449	5.6	41	J	6.7	28	132	-3.5	4.5	1.8	3	J
4	433	6.2	92	J	7.0	5	141	-5.3	4.3	-0.6	2	J
5	437	5.5	72	J	7.5	0	139	-5.6	4.6	-1.6	1	J
6	440	9.2	53	J	6.2	-16	154	-1.7	0.6	-0.8	6	J
7	440	12.3	30	J	6.0	-14	317	4.3	-4.2	0.4	1	J
8	428	5.8	37	J	8.3	11	337	7.3	-2.0	2.8	2	J
9	410	6.6	82	J	9.0	-2	337	8.3	-3.2	1.5	1	J
10	432	8.5	98	J	8.0	8	340	7.4	-1.7	2.3	1	J
11	438	8.0	72	J	7.8	4	346	7.5	-1.3	1.4	1	J
12	442	8.4	55	J	8.9	14	333	7.5	-2.3	3.7	1	J
13												
14	444	9.0	51	J	8.5	9	342	7.4	-1.6	2.2	3	J
15	439	10.2	84	J	9.0	28	3	7.3	2.0	3.4	3	J
16	453	8.9	50	J	8.7	33	342	6.5	-0.3	4.9	3	J
17	467	7.9	107	J	8.8	19	334	7.3	-2.5	3.8	2	J
18	503	8.6	131	J	8.0	-1	324	5.8	-4.1	1.0	3	J
19	565	9.1	196	J	6.5	6	354	3.4	-0.3	0.4	6	J
20	547	9.1	207	J	6.1	23	356	4.3	0.0	1.9	4	J
21	553	9.0	171	J	7.0	-5	330	4.2	-2.5	0.0	5	J
22	541	8.4	129	J	8.0	-15	332	6.3	-3.6	-1.5	3	J
23	552	8.5	140	J	8.3	-19	334	6.0	-3.2	-1.9	4	J
24	570	8.1	166	J	8.5	-53	12	4.4	0.1	-6.1	4	J

OCT. 30, 1989 (303)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	595	8.6	240	J	7.6	11	360	2.4	0.1	0.5	7	J
2	592	8.8	271	J	9.2	32	329	6.0	-2.7	4.9	4	J
3	587	9.0	229	J	9.0	41	354	6.5	0.6	5.7	2	J
4	594	8.9	315	J	7.8	18	335	5.7	-2.0	2.7	4	J
5	605	9.5	343	J	6.6	13	2	5.1	0.6	1.0	4	J
6	610	9.0	293	J	8.4	-2	348	4.0	-0.8	0.2	7	J
7	602	8.6	340	J	8.3	-17	322	5.0	-4.4	-0.1	5	J
8	600	9.2	343	J	8.8	2	310	4.7	-4.8	2.8	5	J
9	597	9.3	378	J	8.7	-2	319	5.5	-4.3	2.1	5	J
10	601	8.4	389	J	9.5	7	329	6.3	-2.8	2.7	6	J
11	622	8.4	307	J	10.3	12	288	2.2	-5.0	4.7	8	J
12	635	7.0	218	J	11.5	-11	275	0.9	-10.1	3.5	4	J
13	609	7.7	272	J	11.2	19	303	5.1	-5.3	6.6	5	J
14	587	6.9	225	J	11.7	12	307	6.3	-6.5	5.7	5	J
15	591	7.7	177	J	12.4	13	297	4.8	-7.6	6.1	6	J
16	561	8.5	150	J	11.8	8	324	8.6	-5.3	3.7	5	J
17	589	9.1	213	J	11.4	32	317	5.4	-3.3	6.0	7	J
18	575	8.7	183	J	11.2	21	336	7.5	-2.4	3.9	7	J
19	617	7.8	211	J	9.2	-10	282	1.6	-7.7	0.3	5	J
20	611	7.5	228	J	8.3	-15	305	3.6	-5.4	-0.7	5	J
21	583	8.4	187	J	8.4	13	7	7.4	1.2	1.6	3	J
22	581	8.2	154	J	8.6	-9	353	7.7	-1.1	-1.1	3	J
23	587	7.0	178	J	8.7	-9	306	4.5	-6.3	-0.5	4	J
24	615	6.0	125	J	8.3	-33	249	-2.3	-6.5	-3.4	3	J

OCT. 31, 1989 (304)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	583	6.2	133	J	7.2	-23	318	3.4	-3.3	-1.5	5	J
2	566	5.7	116	J	8.4	-32	309	4.3	-5.9	-3.2	2	J
3												
4												
5	561	6.7	105	J	4.6	-2	217	-2.6	-1.9	0.5	3	J
6	544	7.0	95	J	6.0	59	180	-2.4	1.5	3.7	4	J
7	531	7.4	85	J	6.8	25	269	-0.1	-4.0	4.8	3	J
8	535	5.0	77	J	7.4	45	273	0.3	-2.1	6.7	2	J
9	535	5.4	122	J	7.3	15	299	3.2	-4.1	4.3	3	J
10	552	5.8	97	J	6.6	15	277	0.7	-4.0	4.0	3	J
11	561	6.9	175	J	7.1	17	279	0.9	-3.8	4.2	4	J
12	544	8.0	240	J	8.6	6	306	4.1	-4.5	3.4	5	J
13	534	7.4	215	J	6.3	-46	346	3.6	-2.6	-2.9	3	J
14	540	6.9	152	J	6.1	-49	293	1.4	-4.6	-2.2	3	J
15	540	6.5	122	J	5.8	-68	302	1.0	-3.3	-3.5	3	J
16	522	6.7	117	J	5.6	-32	311	2.9	-4.2	-1.4	2	J
17	511	6.7	82	J	5.8	-33	314	3.2	-4.1	-1.8	2	J
18	488	7.2	113	J	5.2	-15	323	3.8	-3.1	-0.5	2	J
19	487	8.8	126	J	4.3	-24	279	0.4	-2.7	-0.6	3	J
20	485	7.7	82	J	5.4	-9	292	1.7	-4.3	0.0	3	J
21	468	8.3	66	J	4.8	10	300	2.1	-3.5	1.3	2	J
22	459	8.5	59	J	4.9	3	309	2.9	-3.5	0.7	2	J
23	450	8.1	87	J	5.6	3	322	4.2	-3.3	0.7	1	J
24	432	8.9	231	J	5.8	2	338	5.4	-2.1	0.5	1	J

NOV. 1, 1989 (305)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	438	8.3	83	J	6.1	7	316	4.1	-3.8	1.2	2	J
2	447	8.3	56	J	6.2	-6	291	2.0	-5.3	0.3	2	J
3	469	8.5	43	J	5.9	33	209	-4.0	-1.5	3.3	2	J
4	466	8.4	50	J	6.2	5	238	-3.0	-4.4	1.7	3	J
5	459	9.4	71	J	5.0	23	254	-1.0	-2.9	2.7	3	J
6	472	9.4	71	J	5.2	43	210	-3.0	-0.4	3.6	2	J
7	463	9.4	75	J	5.4	52	196	-3.0	0.9	3.9	2	J
8	463	8.9	73	J	6.3	22	245	-2.2	-3.3	4.1	3	J
9	455	8.5	89	J	6.0	-23	310	2.8	-3.9	0.0	4	J
10	447	8.4	110	J	5.6	-2	355	5.0	-0.5	0.1	3	J
11	465	8.7	86	J	4.8	43	278	0.2	-0.7	2.2	4	J
12	459	10.1	86	J	5.1	57	301	1.0	0.0	3.6	4	J
13	438	10.9	114	J	4.8	64	343	1.0	0.8	2.1	4	J
14	455	11.1	109	J	5.0	43	96	-0.2	2.7	0.8	4	J
15	466	9.0	91	J	6.5	68	307	1.1	0.5	4.6	5	J
16	463	10.7	102	J	5.4	41	102	-0.7	3.9	1.5	3	J
17	450	12.9	127	J	6.4	14	37	3.2	2.6	0.2	5	J
18	428	12.7	113	J	7.0	17	37	3.2	2.7	0.6	6	J
19	455	14.0	105	J	9.1	9	118	-1.9	3.5	-0.1	8	J
20	465	13.7	86	J	10.2	60	157	-3.9	2.9	7.0	6	J
21	437	11.5	89	J	12.0	0	317	8.0	-7.4	1.1	5	J
22	453	9.8	74	J	13.1	4	294	5.0	-10.9	2.2	5	J
23	456	8.9	72	J	13.2	-3	310	7.4	-8.9	0.4	6	J
24	484	9.8	124	J	13.0	-1	300	5.4	-9.3	0.9	7	J

NOV. 2, 1989 (306)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	493	14.1	157	J	17.3	-28	313	9.2	-10.7	-5.7	9	J
2	529	19.7	237	J	21.4	-7	299	9.3	-16.9	0.5	9	J
3	512	17.2	265	J	20.8	2	303	10.4	-15.5	4.1	8	J
4	520	16.6	268	J	19.9	9	295	7.6	-15.0	7.0	8	J
5	499	16.1	261	J	19.7	0	300	9.8	-16.1	5.4	2	J
6	507	16.4	248	J	16.3	27	288	4.1	-9.1	10.9	7	J
7	493	13.5	187	J	17.8	8	295	6.7	-12.2	8.1	8	J
8	534	12.6	187	J	18.5	28	279	2.5	-10.1	14.7	4	J
9	533	13.0	119	J	18.0	44	277	1.5	-5.0	16.5	5	J
10	524	13.1	97	J	16.3	38	289	4.1	-5.4	14.4	3	J
11	536	12.6	83	J	15.1	48	279	1.6	-3.0	14.6	2	J
12	529	13.5	69	J	14.1	69	266	-0.3	2.0	13.7	2	J
13	509	13.2	71	J	14.2	37	301	5.5	-4.3	11.4	5	J
14	500	14.3	97	J	16.0	22	321	11.0	-5.5	9.1	5	J
15	517	17.0	91	J	18.3	37	326	10.8	-2.8	11.9	8	J
16	516	17.4	85	J	17.5	31	320	10.6	-5.4	11.0	7	J
17	514	15.8	96	J	15.9	7	330	12.6	-6.4	3.9	6	J
18	522	13.3	75	J	14.7	-40	317	7.7	-9.2	-6.7	5	J
19	516	13.1	89	J	13.1	-14	338	8.6	-3.9	-1.5	9	J
20	529	11.3	53	J	12.9	-25	318	7.2	-7.2	-3.4	7	J
21	525	11.3	88	J	12.5	-1	331	8.7	-4.8	0.5	8	J
22	503	9.8	37	J	13.6	-4	336	11.8	-5.3	-0.3	4	J
23	510	9.0	83	J	13.4	-7	330	10.4	-6.1	-0.8	6	J
24	532	8.0	107	J	12.3	-22	324	7.7	-6.0	-3.2	7	J

NOV. 3, 1989 (307)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	550	6.5	223	J	11.2	6	3	8.3	0.5	0.8	7	J
2	532	7.1	211	J	11.5	18	358	10.3	0.2	3.4	4	J
3	553	5.4	250	J	12.0	-5	331	9.4	-5.3	0.2	5	J
4	577	5.0	240	J	12.6	-20	323	9.2	-7.8	-2.3	3	J
5	593	4.9	235	J	12.5	-18	319	8.9	-8.5	-1.2	2	J
6	590	4.9	233	J	12.5	-21	318	8.5	-8.8	-1.3	2	J
7	583	5.8	210	J	11.9	-40	329	7.6	-7.2	-4.8	3	J
8	570	6.1	224	J	11.4	-35	338	8.4	-5.9	-4.1	3	J
9	570	5.6	212	J	11.5	-36	328	7.5	-7.2	-3.4	3	J
10	554	6.3	168	J	11.3	-24	334	8.8	-5.9	-1.7	3	J
11	579	5.5	180	J	12.3	-33	332	9.0	-7.4	-3.4	2	J
12	578	5.3	121	J	13.4	-30	331	9.7	-7.8	-3.0	4	J
13	568	6.8	90	J	14.2	-34	334	10.1	-7.9	-4.4	4	J
14	584	9.2	22	J	14.6	-22	329	11.4	-8.5	-1.9	3	J
15												
16	566	14.8	38	J	14.9	-20	320	10.5	-10.0	-1.6	3	J
17	538	7.2	11	J	14.8	-18	323	11.2	-9.4	-1.8	2	J
18	550	8.6	17	J	14.4	-16	323	11.0	-9.0	-1.7	2	J
19	536	7.4	13	J	14.2	-12	321	10.6	-9.0	-1.1	3	J
20	508	6.2	41	J	13.6	-8	325	10.9	-7.8	-0.6	2	J
21	519	8.6	52	J	13.1	0	331	10.8	-6.0	0.8	4	J
22	519	9.4	45	J	14.6	0	332	9.2	-4.9	0.5	10	J
23	496	11.1	67	J	16.2	8	338	14.0	-5.4	2.7	5	J
24	491	9.4	40	J	15.2	-10	345	14.1	-4.0	-2.2	3	J

NOV. 4, 1989 (308)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	488	9.8	75	J	12.1	19	330	9.7	-5.0	4.5	3	J
2	492	6.6	21	J	10.3	5	331	8.7	-4.6	1.6	3	J
3					10.0	26	351	8.7	-0.5	4.5	2	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

NOV. 8, 1989 (312)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24					6.1	-5	354	5.5	-0.6	-0.4	2	J

NOV. 9, 1989 (313)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1					5.9	4	347	5.2	-1.1	0.5	2	J
2					10.8	-8	328	8.8	-5.7	-0.7	2	J
3					10.7	-44	351	7.0	-2.3	-6.5	4	J
4	587	4.6	314	J	8.9	-32	0	7.5	-1.1	-4.5	2	J
5	608	4.4	286	J	9.4	-12	332	6.7	-3.8	-0.5	5	J
6	628	4.5	273	J	11.1	16	303	5.1	-6.5	5.2	5	J
7	652	4.5	236	J	12.5	39	299	4.3	-4.3	9.5	5	J
8	675	4.6	239	J	13.5	47	282	1.9	-3.8	12.5	3	J
9	658	5.7	224	J	13.4	44	290	2.5	-2.9	9.4	9	J
10	641	5.1	178	J	13.6	52	300	3.9	-1.3	12.1	4	J
11	663	4.5	203	J	13.0	47	273	0.5	-3.3	12.3	3	J
12	647	4.5	158	J	13.6	52	275	0.7	-2.4	13.0	3	J
13	651	5.3	178	J	11.0	-5	263	-1.1	-8.2	3.2	6	J
14	659	3.0	118	J	10.7	2	252	-2.8	-7.8	3.8	6	J
15	641	2.4	84	J	10.7	53	257	-1.4	-2.6	10.1	2	J
16	635	4.6	104	J	10.4	33	270	0.0	-6.0	7.6	4	J
17	609	11.7	88	J	6.3	-45	289	1.0	-3.7	-2.2	5	J
18	610	13.5	33	J	8.3	-54	336	2.3	-1.7	-3.1	7	J
19					8.6	-11	286	2.3	-8.3	-0.2	1	J
20	600	15.2	24	J	5.6	-1	288	1.4	-4.3	0.5	3	J
21	597	11.3	24	J	5.7	14	312	3.2	-3.5	1.6	3	J
22					6.4	10	310	3.8	-4.4	1.4	2	J
23					5.9	5	347	5.4	-1.2	0.6	2	J
24					5.2	5	348	4.8	-1.0	0.5	1	J

NOV. 10, 1989 (314)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1					6.5	13	306	3.6	-4.7	1.9	2	J
2					6.3	15	290	2.0	-5.4	2.3	1	J
3					6.1	21	286	1.6	-5.0	3.1	1	J
4					6.0	-10	293	2.1	-5.0	0.2	3	J
5	596	8.1	11	J	8.2	-30	306	3.8	-6.0	-2.1	4	J
6					10.4	8	308	6.3	-7.1	4.1	1	J
7					11.1	23	308	6.0	-5.5	6.8	3	J
8					9.6	49	323	5.0	-0.4	8.1	2	J
9					8.3	57	338	4.1	1.6	6.9	2	J
10					8.0	21	322	5.7	-2.6	4.5	2	J
11					8.2	16	313	5.1	-3.8	4.5	2	J
12					9.3	17	284	2.0	-6.1	6.0	3	J
13					10.2	56	283	1.2	-1.3	9.6	3	J
14					8.8	65	264	-0.4	-0.2	8.6	1	J
15					7.5	69	245	-1.1	0.3	7.4	1	J
16					6.8	56	223	-2.7	-0.7	6.1	1	J
17					6.9	47	215	-3.9	-1.3	5.6	1	J
18					7.1	61	163	-3.2	2.3	5.8	2	J
19	538	6.3	16	J	5.7	47	138	-2.8	3.2	3.6	1	J
20	520	4.8	20	J	5.2	77	126	-0.4	1.0	3.0	4	J
21	488	3.5	13	J	4.9	43	356	3.1	0.1	2.9	2	J
22	487	3.5	13	J	5.1	25	358	4.6	0.0	2.2	1	J
23	477	4.2	21	J	5.7	13	6	5.4	0.7	1.2	1	J
24	474	5.1	23	J	5.9	8	27	5.0	2.6	0.6	2	J

NOV. 11, 1989 (315)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	468	4.8	39	J	6.7	23	353	5.8	-0.5	2.6	2	J
2	501	7.6	41	J	10.0	7	316	6.4	-6.0	1.8	4	J
3	533	18.8	50	J	10.2	64	278	0.4	-1.8	6.0	8	J
4	552	13.5	46	J	11.0	24	289	2.6	-6.7	5.2	7	J
5	551	11.8	36	J	12.4	41	296	3.8	-5.5	9.5	4	J
6	543	12.1	19	J	12.7	51	290	2.7	-3.8	11.7	2	J
7	544	13.8	19	J	12.6	53	295	3.2	-2.5	11.8	1	J
8	514	18.7	31	J	10.7	71	199	-3.3	3.2	9.7	0	J
9	531	17.3	38	J	10.4	69	346	3.1	3.0	7.8	5	J
10	492	13.4	78	J	10.9	44	172	-5.8	3.4	4.7	7	J
11	482	12.1	92	J	10.6	34	176	-8.8	3.3	5.0	1	J
12	454	12.9	232	J	11.4	34	172	-9.3	4.0	5.0	1	J
13	455	12.6	110	J	11.3	38	174	-8.7	3.8	5.8	2	J
14	456	10.0	28	J	11.4	30	162	-9.1	4.9	3.9	3	J
15	495	19.8	52	J	14.7	49	122	-5.0	11.4	7.3	3	J
16	493	24.2	92	J	12.0	40	171	-5.2	2.2	4.0	10	J
17	505	27.4	51	J	13.2	5	256	-3.1	-11.6	4.3	3	J
18	494	34.3	76	J	10.6	-29	257	-1.6	-7.4	-2.3	8	J
19	496	30.6	42	J	13.3	-11	243	-5.4	-10.9	-0.5	5	J
20	486	26.1	27	J	13.5	2	289	4.1	-11.9	1.9	5	J
21	475	27.8	30	J	11.3	33	269	-0.2	-8.6	6.8	3	J
22	471	26.1	37	J	9.1	39	264	-0.6	-5.0	4.6	6	J
23	467	16.9	29	J	10.1	-16	268	-0.3	-9.8	-2.2	2	J
24	431	33.8	278	J	9.7	-7	276	0.9	-8.7	-0.5	4	J

NOV. 12, 1989 (316)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	444	32.5	700	J	10.7	19	279	1.6	-9.5	4.2	2	J
2					11.5	33	273	0.5	-8.8	7.3	1	J
3												
4												
5					11.5	42	267	-0.4	-6.1	9.7	1	J
6	442	5.6	8	J	11.8	47	263	-1.0	-4.6	10.5	2	J
7	445	9.4	21	J	11.8	67	166	-4.3	4.9	9.2	4	J
8	433	11.5	28	J	11.0	57	143	-4.6	6.8	6.6	3	J
9	426	15.7	43	J	9.1	51	147	-4.8	5.9	4.9	1	J
10	421	15.4	45	J	8.7	52	138	-4.0	6.3	4.5	1	J
11	406	14.6	18	J	8.8	63	120	-2.0	6.6	5.3	2	J
12	403	12.7	25	J	8.4	62	127	-2.3	6.1	5.2	1	J
13	407	12.2	15	J	9.0	67	143	-2.8	5.4	6.5	1	J
14	403	13.0	16	J	9.1	60	159	-4.2	4.5	6.5	1	J
15	406	11.1	12	J	9.4	53	146	-4.7	5.6	5.9	1	J
16	407	6.9	10	J	9.9	36	142	-6.2	6.4	4.0	2	J
17	413	9.4	16	J	8.9	35	141	-5.5	5.6	3.7	2	J
18	410	9.4	15	J	8.4	30	141	-5.7	5.3	3.2	1	J
19	415	8.2	22	J	8.2	32	141	-5.4	5.0	3.6	1	J
20	412	8.0	27	J	7.9	26	126	-4.0	5.9	2.7	2	J
21	407	11.1	52	J	6.6	14	110	-2.1	5.9	1.1	2	J
22	406	11.1	52	J	5.7	86	334	0.2	0.1	2.5	5	J
23	426	13.4	46	J	7.7	-2	118	-3.0	5.5	-0.5	5	J
24	465	9.8	71	J	13.7	56	103	-1.6	7.6	10.2	5	J

89-11-13 - 89-11-24

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					NOV. 13, 1989 (317)							
1	482	11.5	110	J	14.8	-14	91	-0.2	11.4	-3.8	9	J
2	476	10.9	107	J	15.0	-8	96	-1.3	12.2	-3.1	8	J
3	491	12.6	183	J	13.4	-3	91	-0.2	11.3	-2.4	7	J
4	458	14.6	197	J	13.8	-39	130	-5.7	5.2	-8.5	8	J
5	472	14.1	145	J	14.0	-60	163	-5.9	-1.1	-10.7	7	J
6	483	22.8	45	J	14.4	-20	90	0.0	6.3	-5.1	12	J
7	497	25.7	45	J	11.0	18	247	-1.3	-2.4	2.1	11	J
8					13.8	-7	258	-2.8	-12.8	3.9	1	J
9					13.7	-3	257	-3.0	-12.1	5.1	2	J
10	489	11.4	30	J	13.7	7	254	-3.6	-10.5	7.1	3	J
11	467	9.6	35	J	12.7	-21	267	-0.2	-4.5	0.5	12	J
12	501	13.0	271	J	12.9	-32	68	4.1	6.1	-10.6	1	J
13	491	23.3	547	J	11.9	-38	70	3.2	4.9	-10.3	2	J
14					12.2	-35	80	1.7	6.3	-10.1	2	J
15	457	22.8	192	J	11.9	-41	81	1.4	5.4	-10.1	3	J
16	447	14.2	16	J	11.9	-56	106	-1.8	3.1	-11.0	3	J
17	433	14.5	11	J	11.1	-68	175	-4.1	-2.2	-9.9	2	J
18	445	18.8	14	J	10.1	-70	230	-2.0	-4.1	-8.1	4	J
19	436	15.2	35	J	9.9	7	216	-5.4	-3.7	1.4	7	J
20	446	12.7	41	J	9.4	16	186	-7.8	-0.6	2.3	5	J
21	435	12.9	68	J	7.7	-9	207	-5.5	-2.8	-0.7	5	J
22	437	10.1	43	J	8.2	-61	244	-1.6	-3.7	-6.5	4	J
23	425	7.9	15	J	11.1	-60	261	-0.9	-5.9	-9.3	1	J
24	426	5.0	33	J	12.1	-62	285	1.5	-6.0	-10.4	1	J
					NOV. 14, 1989 (318)							
1	430	2.7	42	J	12.2	-55	285	1.8	-7.4	-9.4	1	J
2	434	10.3	26	J	11.3	-11	232	-6.8	-8.9	-1.2	1	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12					10.6	-1	234	-6.2	-7.8	3.6	0	J
13	385	14.1	15	J	10.6	23	214	-7.5	-3.0	5.6	4	J
14	389	15.1	23	J	10.5	35	188	-8.2	1.2	5.8	3	J
15	385	15.1	19	J	10.0	43	202	-6.6	-0.2	7.1	2	J
16					9.8	40	202	-6.9	-0.8	6.8	1	J
17	387	12.6	17	J	9.4	35	194	-7.2	-0.5	5.4	3	J
18					9.1	15	173	-8.5	1.5	2.1	2	J
19	354	11.8	14	J	9.7	12	166	-8.9	2.5	1.6	2	J
20	362	9.9	10	J	10.1	-9	141	-7.6	6.0	-2.2	2	J
21	377	10.3	19	J	9.6	16	187	-8.1	-0.8	2.4	4	J
22	377	10.1	17	J	9.6	25	203	-8.0	-3.2	4.2	1	J
23	374	11.3	25	J	9.7	35	208	-6.9	-3.5	5.7	1	J
24	364	11.4	28	J	9.0	16	189	-8.3	-1.2	2.5	2	J
					NOV. 15, 1989 (319)							
1	364	8.3	13	J	8.8	-5	170	-8.2	1.4	-0.8	3	J
2					10.1	-16	158	-9.0	3.3	-3.1	1	J
3	362	7.9	14	J	8.7	-6	156	-7.8	3.3	-1.4	1	J
4	362	9.1	13	J	8.3	29	182	-6.6	0.5	3.7	3	J
5					8.9	20	155	-7.2	4.0	2.0	3	J
6	361	11.0	13	J	9.5	23	200	-7.9	-1.6	4.3	3	J
7	356	11.3	12	J	9.6	23	205	-8.0	-2.1	4.8	1	J
8	357	12.2	13	J	9.7	13	219	-7.0	-4.4	4.2	3	J
9	360	11.9	10	J	10.0	6	228	-6.5	-6.1	4.0	2	J
10	348	13.9	27	J	9.8	22	202	-8.0	-1.4	4.6	3	J
11	337	12.2	30	J	10.4	33	192	-8.4	0.9	5.8	2	J
12	341	11.4	36	J	10.4	36	194	-8.1	0.8	6.3	2	J
13	347	12.2	41	J	10.1	30	194	-8.2	0.1	5.3	2	J
14	327	8.3	13	J	11.5	29	148	-8.5	7.0	3.1	1	J
15	346	8.9	16	J	11.5	37	119	-4.2	9.3	3.6	4	J
16	366	8.4	13	J	11.8	30	108	-3.1	10.7	2.8	2	J
17	355	8.0	16	J	11.9	31	116	-4.5	10.4	3.7	1	J
18	351	9.4	19	J	11.3	34	120	-4.6	8.9	4.5	2	J
19	352	9.3	14	J	11.1	35	119	-4.2	8.3	4.9	3	J
20	354	9.8	19	J	10.8	41	114	-3.2	7.9	6.1	3	J
21	346	9.9	20	J	10.6	37	118	-3.7	7.4	5.5	4	J
22	346	12.5	24	J	9.7	50	129	-3.6	4.7	6.6	4	J
23	342	13.4	19	J	9.1	58	156	-4.4	2.2	7.6	1	J
24	339	13.8	14	J	9.2	67	179	-3.6	0.4	8.4	1	J
					NOV. 16, 1989 (320)							
1	347	10.7	15	J	9.0	71	184	-2.4	0.2	6.9	5	J
2	346	9.6	9	J	10.1	53	244	-2.6	-4.7	8.4	1	J
3												
4					10.6	38	174	-8.0	2.0	6.0	3	J
5	331	11.5	22	J	10.9	39	145	-6.7	6.2	5.2	3	J
6	326	9.8	23	J	9.8	18	151	-7.7	4.9	1.4	3	J
7	326	8.8	23	J	8.9	15	145	-6.9	5.3	0.4	2	J
8	327	8.9	19	J	8.8	16	135	-5.9	6.4	-0.1	1	J
9												
10												
11												
12												
13												
14												
15												
16												
17												
18	330	11.9	34	J	9.0	8	121	-4.1	6.9	-0.2	4	J
19	316	11.7	42	J	9.3	15	134	-6.1	6.6	1.5	2	J
20												
21	320	13.1	49	J	9.0	3	132	-5.9	6.5	0.1	2	J
22	325	12.9	36	J	9.2	-8	116	-3.8	7.7	-1.5	3	J
23	335	13.9	33	J	9.4	-1	101	-1.7	8.7	-0.4	3	J
24	334	14.6	38	J	8.9	-19	105	-1.8	6.7	-2.6	5	J
					NOV. 21, 1989 (325)							
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12					9.8	-18	337	7.7	-4.1	-1.2	4	J
13	517	9.1	297	J	15.2	-21	342	13.3	-6.0	-3.3	2	J
14	525	7.4	158	J	15.2	-3	338	13.7	-5.5	1.2	2	J
15	519	5.7	97	J	15.7	4	342	14.4	-4.1	2.4	2	J
16	513	6.1	101	J	16.0	13	345	14.8	-2.9	4.4	1	J
17	483	7.5	192	J	15.0	26	348	13.0	-1.4	6.9	3	J
18	483	5.2	107	J	15.5	21	351	14.1	-1.4	5.8	2	J
19	492	4.2	54	J	15.8	13	353	14.9	-1.5	3.6	3	J
20	497	4.3	31	J	15.8	5	352	15.4	-2.1	1.5	1	J
21	483	4.4	54	J	13.9	2	341	12.8	-4.4	0.6	2	J
22	467	6.9	99	J	12.5	0	341	11.3	-3.9	0.0	3	J
23	443	9.3	167	J	11.7	11	351	11.1	-1.8	2.2	3	J
24	416	7.9	46	J	12.1	9	353	11.8	-1.4	1.9	1	J
					NOV. 22, 1989 (326)							
1	436	9.1	120	J	11.5	24	344	10.0	-2.8	4.7	1	J
2	435	10.1	160	J	10.9	34	342	8.5	-2.4	6.2	1	J
3	427	10.9	158	J	10.7	27	336	8.6	-3.4	5.2	1	J
4	407	10.9	162	J	11.1	26	340	9.3	-2.6	5.3	1	J
5	382	10.9	244	J	11.0	13	344	10.2	-2.3	3.0	1	J
6	383	8.6	201	J	9.6	6	334	8.5	-3.7	2.1	1	J
7	384	9.2	160	J	10.3	30	341	7.9	-1.0	5.5	3	J
8	397	8.3	148	J	11.9	-14	333	10.3	-5.9	-0.8	1	J
9	395	7.5	117	J	11.3	-6	335	9.9	-4.7	0.7	2	J
10	393	7.4	105	J	11.0	-8	337	9.5	-4.3	0.3	3	J
11	401	7.4	87	J	10.5	8	343	9.5	-2.1	2.4	3	J
12												
13												
14	398	6.3	64	J	10.9	32	357	8.1	1.3	4.9	5	J
15	375	6.7	89	J	10.0	-18	12	8.9	0.9	-3.4	3	J
16	380	6.7	108	J	9.7	5	12	8.5	1.9	0.3	4	J
17	385	6.6	104	J	9.6	17	18	7.7	3.0	1.9	4	J
18	388	5.9	74	J	9.5	24	7	7.3	1.4	3.1	5	J
19	395	6.1	112	J	9.4	-31	29	6.6	3.2	-4.9	3	J
20	377	6.1	113	J	9.3	1	13	8.0	1.8	0.0	4	J
21	407	6.4	99	J	9.3	34	37	4.9	3.8	4.1	6	J
22	412	6.3	96	J	9.1	8	45	4.6	4.6	0.9	6	J
23	387	6.6	126	J	8.7	-13	6	6.4	0.7	-1.5	6	J
24	380	6.4	89	J	8.8	-16	335	6.6	-3.1	-2.1	4	J
					NOV. 23, 1989 (327)							
1	378	5.7	81	J	9.0	-23	329	6.8	-4.1	-3.3	3	J
2	366	5.5	58	J	8.8	-10	347	8.1	-1.9	-1.4	3	J
3	371	5.6	68	J	8.4	-8	335	6.9	-3.3	-0.8	3	J
4	365	4.7	52	J	7.9	0	341	7.1	-2.4	0.4	2	J
5	364	5.6	65	J	9.0	-5	334	7.9	-3.9	0.0	1	J
6	364	5.2	62	J	8.0	4	336	7.1	-2.9	1.4	2	J
7	366	5.7	78	J	7.8	5	338	7.0	-2.5	1.5	2	J
8	369	5.8	92	J	7.4	9	335	6.5	-2.4	2.2	1	J
9	358	6.1	206	J	7.5	6	340	6.1	-1.8	1.5	4	J
10	347	6.1	104	J	8.9	-21	332	7.3	-4.8	-1.4	1	J
11	340	6.3	76	J	8.7	-18	339	7.3	-3.6	-1.2	3	J
12	331	6.1	40	J	8.7	-5	348	8.1	-1.9	0.0	3	J
13	361	6.2	45	J	8.3	-11	327	5.7	-3.9	0.1	5	J
14	344	6.8	56	J	8.7	-9	328	6.3	-4.1	0.2	4	J
15	333	7.0	47	J	8.8	-1	330	7.5	-4.2	1.1	1	J
16	333	7.0	38	J	8.3	1	333	7.1	-3.5	1.0	2	J
17	361	7.7	32	J	9.0	7	297	4.0	-7.5	2.6	1	J
18	357	6.9	31	J	8.7	9	301	4.4	-7.0	2.4	2	J
19	343	7.0	58	J	8.4	9	321	6.4	-5.0	1.8	1	J
20					8.0	-3	321	6.1	-4.9	-0.2	1	J
21	356	8.3	38	J	8.0	-8	310	5.0	-6.0	-1.0	1	J
22	373	10.7	24	J	7.1	-18	255	-1.7	-6.3	-2.2	2	J
23	365	9.9	20	J	7.5	-9	285	1.9	-7.0	-1.3	1	J
24	355	10.7	26	J	6.4	-2	274	0.4	-6.1	-0.3	2	J
					NOV. 24, 1989 (328)							
1	345	11.2	18	J	6.8	-6	270	0.0	-6.6	-0.7	1	J
2	355	10.7	25	J	6.9	-19	268	-0.2	-6.3	-1.9	2	J
3	364	11.0	22	J	7.6	-11	286	2.0	-7.1	-0.8	2	J
4	365	8.6	14	J	8.8	15	305	4.8	-6.4	3.1	2	J
5					8.9	25	314	4.8	-4.2	4.1	5	J
6	377	15.3	23	J	8.0	-28	139	-4.7	3.1	-4.2	4	J
7	402	10.7	65	J	7.5	20	72	1.2	3.8	0.2	7	J
8	407	8.5	37	J	7.0	-1	109	-2.1	5.7	-2.3	3	J
9	423	7.4	83	J	6.3	-3	126	-3.6	4.5	-2.2	1	J
10	430	7.6	105	J	6.2	4	122	-3.2	4.8	-1.6	2	J
11	416	6.6	69	J	6.7	-10	119	-3.2	4.8	-3.3	1	J
12	412	6.3	45	J	7.0	-11	129	-4.2	4.3	-3.2	1	J
13	406	6.6	36	J	7.0	-1	125	-4.0	5.2	-2.2	1	J
14	407	6.6	29	J	7.0	-7	128	-4.2	4.8	-2.6	1	J
15	400	7.2	32	J	7.2	-8	134	-4.9	4.6	-2.4	2	J
16	404	6.5	24	J	7.4	-5	130	-4.7	5.3	-2.0	1	J
17	401	5.6	17	J	7.7	-2	135	-5.4	5.3	-1.3	1	J
18	401	6.7	30	J	7.4	-8	131	-4.7	5.3	-1.7	1	J
19	387	8.7	34	J	7.1	-8	132	-4.7	5.1	-1.4	1	J
20	379	9.1	52	J	7.2	-5	128	-4.4	5.5	-0.9	1	J
21	361	11.1	84	J	6.4	-4	133	-4.2	4.5	-0.5	2	J
22	369	11.2	17	J	5.6	-14	105	-1.2	4.6	-1.1	3	J
23	373	16.4	18	J	5.6	20	326	4.2	-2.9	1.8	2	J
24					6.8	28	338	5.4	-2.2	3.1	2	J

89-11-25 - 89-12-06

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					NOV. 25, 1989 (329)							
1	381	19.1	12	J	8.0	24	3	6.8	0.4	3.1	3	J
2					9.8	21	6	8.9	1.0	3.4	2	J
3	372	14.5	22	J	10.1	22	355	9.1	-0.5	3.8	2	J
4	378	19.1	28	J	7.5	32	352	5.8	-0.3	3.7	3	J
5					6.6	37	324	4.1	-2.2	4.4	2	J
6					9.0	32	331	6.6	-2.4	5.5	1	J
7	369	34.4	168	J	8.8	38	328	5.9	-1.9	6.3	1	J
8	365	18.6	11	J	8.3	38	322	5.2	-2.0	6.2	1	J
9	363	16.0	8	J	8.1	40	318	4.6	-1.9	6.4	0	J
10					7.6	39	321	4.6	-1.6	5.8	1	J
11	350	15.5	10	J	7.4	33	313	4.2	-2.6	5.5	1	J
12	349	16.2	11	J	7.4	41	316	4.0	-1.7	5.9	1	J
13	343	15.9	10	J	7.0	42	313	3.5	-1.9	5.7	1	J
14					7.1	43	304	2.8	-2.4	5.8	2	J
15	347	15.2	18	J	7.2	38	298	2.6	-3.5	5.6	1	J
16	342	15.8	13	J	7.4	37	307	3.5	-3.5	5.3	2	J
17	351	16.4	26	J	7.6	32	282	1.3	-5.4	5.0	1	J
18	343	13.9	12	J	7.5	26	283	1.5	-6.0	4.1	1	J
19					7.4	27	285	1.7	-6.0	3.8	1	J
20	281	56.9	1049	J	7.2	28	282	1.3	-5.8	3.5	2	J
21	326	17.8	9	J	7.3	30	321	4.8	-3.9	3.6	1	J
22	330	16.5	9	J	7.8	28	303	3.7	-5.8	3.5	1	J
23	336	16.0	7	J	8.4	32	291	2.5	-6.7	4.2	1	J
24	346	17.6	20	J	9.4	36	292	2.8	-7.1	5.3	1	J
					NOV. 26, 1989 (330)							
1	351	15.6	13	J	10.0	32	293	3.3	-7.8	5.2	1	J
2	355	15.8	11	J	9.6	37	292	2.8	-6.7	5.8	2	J
3												
4												
5												
6												
7												
8												
9	364	21.4	22	J	12.1	-24	254	-2.9	-11.3	-0.7	3	J
10	359	21.7	35	J	12.3	27	286	2.7	-6.7	8.1	6	J
11	345	23.0	29	J	12.7	50	339	6.6	0.9	8.8	6	J
12	353	25.4	23	J	13.3	15	268	-0.4	-10.5	7.9	3	J
13	353	27.1	31	J	12.9	1	263	-1.6	-11.8	4.6	1	J
14	351	25.9	32	J	13.6	-12	254	-3.6	-12.8	1.3	3	J
15	346	26.5	44	J	13.1	-16	255	-3.2	-12.6	-0.1	2	J
16	331	24.9	36	J	12.8	-32	258	-2.2	-11.7	-4.1	2	J
17	345	24.7	21	J	14.2	-38	225	-7.6	-9.0	-7.0	4	J
18	337	23.8	14	J	14.8	-37	237	-6.4	-10.8	-7.5	3	J
19	347	19.9	31	J	14.8	-40	235	-5.8	-8.8	-7.8	7	J
20	343	23.8	40	J	14.4	-33	247	-4.7	-11.3	-7.4	2	J
21	339	30.9	27	J	14.8	-24	251	-4.4	-12.7	-6.0	2	J
22	334	16.2	23	J	15.5	-2	289	4.3	-12.4	-0.8	8	J
23	330	12.2	63	J	12.5	1	301	4.9	-8.2	-0.1	8	J
24	348	8.6	103	J	8.4	-5	268	-0.2	-6.7	-0.8	5	J
					NOV. 27, 1989 (331)							
1	349	9.4	40	J	12.1	-3	270	0.0	-11.8	-0.8	3	J
2	367	12.1	92	J	12.3	15	297	4.7	-9.2	2.9	6	J
3	394	10.4	88	J	12.2	-7	271	0.1	-7.1	-0.4	10	J
4	389	8.1	62	J	11.5	1	311	6.9	-7.8	1.1	5	J
5	395	7.4	62	J	11.4	3	310	6.9	-8.0	2.0	4	J
6	401	7.4	66	J	11.3	-14	303	5.8	-9.2	-0.5	3	J
7	419	7.9	69	J	12.7	-12	311	7.9	-9.4	0.2	3	J
8	433	6.2	72	J	14.5	7	324	11.4	-7.2	4.4	3	J
9					14.3	14	327	11.5	-5.7	5.9	3	J
10	415	7.1	146	J	13.0	30	343	10.2	-0.6	6.9	4	J
11	430	7.8	199	J	12.8	7	318	8.8	-6.8	4.3	5	J
12	490	10.9	338	J	11.4	-4	290	3.2	-8.5	2.6	6	J
13	493	10.5	333	J	11.5	38	298	3.7	-4.4	8.2	6	J
14	499	9.5	365	J	9.8	-17	341	5.1	-2.2	-1.0	8	J
15	478	8.2	332	J	9.5	-5	325	6.9	-4.9	0.6	4	J
16	484	8.1	334	J	9.8	10	12	8.4	2.1	1.1	4	J
17	480	8.0	264	J	10.0	11	328	7.6	-4.4	2.5	4	J
18	473	7.7	186	J	10.5	-1	325	8.1	-5.7	0.5	4	J
19	480	7.4	225	J	10.9	10	308	6.3	-7.9	2.3	3	J
20	463	7.9	146	J	10.6	10	312	6.5	-7.2	1.9	4	J
21	488	9.4	131	J	10.2	50	255	-1.5	-5.8	7.0	4	J
22	536	13.1	260	J	17.3	7	273	0.8	-15.3	1.4	10	J
23	591	19.3	416	J	24.7	-10	285	5.9	-21.7	-5.0	9	J
24	564	20.1	470	J	22.3	-9	297	9.4	-18.2	-4.0	8	J
					NOV. 28, 1989 (332)							
1	549	21.5	518	J	21.4	2	306	11.3	-15.5	0.3	9	J
2	593	22.2	515	J	21.3	15	276	2.1	-20.0	5.6	4	J
3												
4												
5	573	18.9	542	J	16.7	6	298	6.4	-11.6	3.5	9	J
6	572	13.9	458	J	19.6	7	291	6.7	-16.5	6.3	5	J
7	566	13.2	491	J	17.2	-15	289	5.0	-15.1	0.2	7	J
8	598	13.3	685	J	21.3	-1	285	5.1	-18.1	5.8	11	J
9	622	14.7	906	J	29.8	10	283	6.6	-24.7	14.9	3	J
10	590	14.7	539	J	25.6	5	291	8.6	-20.1	10.3	8	J
11	577	16.4	568	J	21.9	-7	308	12.2	-15.4	3.5	9	J
12	602	14.9	515	J	21.9	12	302	9.3	-12.5	8.8	12	J
13	658	15.1	353	J	22.3	32	257	-3.9	-12.4	16.1	8	J
14												
15												
16												
17												
18												
19												
20	671	5.4	171	J	24.4	20	290	7.5	-20.4	8.3	7	J
21	700	5.2	153	J	23.5	18	293	7.9	-18.8	6.3	10	J
22	714	9.0	274	J	20.6	68	284	1.7	-7.7	17.4	8	J
23	739	9.2	150	J	24.1	67	289	3.1	-10.0	21.6	2	J
24					23.8	46	295	6.8	-15.3	15.8	6	J
					NOV. 29, 1989 (333)							
1					21.2	35	297	7.6	-15.2	11.2	6	J
2					20.4	12	299	9.6	-17.4	4.3	1	J
3												
4												
5												
6												
7												
8												
9												
10												
11					14.4	-19	299	6.6	-12.8	0.0	1	J
12					16.4	-14	315	11.1	-11.8	0.3	7	J
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					DEC. 4, 1989 (338)							
1												
2												
3												
4												
5												
6												
7												
8												
9					6.9	31	360	5.8	1.1	3.3	1	J
10					7.2	32	360	5.6	1.2	3.3	3	J
11					7.1	28	336	5.0	-1.1	3.5	3	J
12					10.0	31	321	5.7	-2.9	5.6	6	J
13					10.4	16	299	2.4	-3.7	2.7	9	J
14					9.8	4	316	3.9	-3.6	1.4	8	J
15					9.8	37	304	3.5	-4.0	5.8	6	J
16					8.2	39	345	5.6	-0.7	4.9	3	J
17					7.8	2	306	3.5	-4.8	0.8	5	J
18					8.8	-16	261	-1.1	-6.9	-1.5	5	J
19					9.3	-33	235	-3.4	-4.9	-3.7	6	J
20					8.3	-36	134	-3.1	3.3	-3.2	6	J
21					8.8	-39	134	-4.7	5.2	-5.2	1	J
22					8.8	-44	136	-4.5	4.8	-5.6	2	J
23					8.5	-43	156	-5.6	3.0	-5.5	1	J
24					8.7	-42	156	-5.8	3.1	-5.5	1	J
					DEC. 5, 1989 (339)							
1												
2												
3												
4												
5												
6												
7					6.1	1	311	3.6	-4.0	1.1	3	J
8					6.0	3	303	2.9	-4.3	1.5	2	J
9					5.8	22	330	4.3	-1.8	2.7	2	J
10					5.7	-4	292	1.8	-4.4	1.1	3	J
11					5.7	10	314	3.7	-3.3	2.1	1	J
12					5.5	2	307	3.2	-4.0	1.5	1	J
13					5.2	9	318	3.7	-2.9	1.7	1	J
14					5.1	5	312	3.3	-3.5	1.4	1	J
15					4.7	0	311	3.0	-3.4	0.7	1	J
16					3.4	15	312	1.9	-1.9	1.1	2	J
17					2.9	7	18	2.1	0.7	0.2	2	J
18					3.1	38	325	1.3	-0.8	1.3	2	J
19					3.4	16	304	1.5	-2.2	0.8	2	J
20					3.5	-13	281	0.6	-3.0	-0.8	1	J
21	515	3.4	40	J	3.7	8	245	-1.4	-3.0	0.3	2	J
22	483	5.8	228	J	4.2	-26	264	-0.4	-3.5	-2.1	1	J
23	490	3.6	78	J	4.5	14	281	0.6	-3.0	0.4	3	J
24	483	3.8	84	J	4.3	10	316	2.6	-2.6	0.4	2	J
					DEC. 6, 1989 (340)							
1	467	4.4	134	J	4.3	22	331	2.9	-1.7	1.2	2	J
2												
3	501	3.6	66	J	4.0	74	247	-0.4	-0.9	3.4	2	J
4	501	4.0	64	J	3.5	0	272	0.1	-2.7	0.1	2	J
5	464	3.7	63	J	4.0	26	324	2.5	-1.6	1.7	2	J
6	469	3.7	46	J	4.2	9	300	2.0	-3.3	1.2	1	J
7	455	3.6	47	J	4.6	24	326	3.2	-1.7	2.1	2	J
8	466	3.8	44	J	4.2	-6	309	2.4	-2.9	0.4	2	J
9	456	3.9	40	J	4.2	-15	326	3.3	-2.4	-0.3	1	J
10	454	3.7	39	J	4.3	-16	320	3.1	-2.8	-0.3	1	J
11	462	4.4	42	J	4.1	-24	306	2.0	-3.1	-0.6	2	J
12	471	5.4	55	J	3.8	8	235	-1.4	-1.7	0.9	3	J
13	468	5.4	46	J	4.0	6	191	-3.5	-0.5	0.6	2	J
14	470	5.5	32	J	4.3	-3	168	-4.1	0.8	-0.4	1	J
15	466	6.3	68	J	4.9	-6	178	-4.5	0.1	-0.5	2	J
16	448	6.0	37	J	4.6	27	242	-1.8	-3.0	2.5	2	J
17	423	5.1	29	J	4.9	10	289	1.5	-4.2	1.3	2	J
18												
19					5.2	-12	310	3.1	-3.7	-1.0	2	J
20	396	6.2	81	J	5.3	0	324	4.1	-3.0	-0.1	1	J
21	410	6.1	21	J	5.4	25	286	1.2	-4.3	1.7	2	J
22	410	6.3	17	J	5.4	6	294	2.1	-4.7	0.1	2	J
23	405	7.0	24	J	5.6	-9	291	1.9	-4.9	-1.4	1	J
24	398	6.5	27	J	5.6	-31	323	3.4	-2.3	-2.8	3	J

89-12-07 - 89-12-17

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					DEC. 7, 1989 (341)							
1	397	6.1	24	J	5.8	-38	331	3.9	-1.9	-3.7	1	J
2												
3												
4												
5												
6												
7												
8												
9												
10												
11	390	6.7	59	J	8.1	6	332	6.3	-3.0	1.8	4	J
12					8.3	53	337	4.1	0.1	6.2	4	J
13	404	6.8	38	J	8.2	18	299	3.2	-5.0	3.7	4	J
14	401	6.9	41	J	8.5	30	308	3.9	-3.9	4.8	5	J
15	405	7.9	29	J	9.4	-8	305	4.7	-6.8	0.2	4	J
16	409	8.4	25	J	9.8	5	305	4.8	-6.7	1.8	5	J
17	409	8.9	34	J	9.7	28	315	4.6	-4.2	3.9	6	J
18	402	9.3	37	J	9.6	-22	317	5.1	-4.9	-2.6	6	J
19	405	9.2	46	J	9.7	-31	318	5.3	-4.8	-4.3	5	J
20	408	9.3	37	J	10.1	-14	299	4.3	-7.6	-2.5	5	J
21	402	10.1	47	J	10.4	-5	303	5.3	-8.1	-1.5	3	J
22	422	10.3	52	J	11.2	84	318	0.7	-1.6	8.9	7	J
23	425	9.5	65	J	11.3	56	276	0.6	-6.5	7.6	5	J
24	439	7.0	163	J	9.0	75	330	1.7	-1.8	7.0	5	J
					DEC. 8, 1989 (342)							
1	451	5.9	181	J	8.0	76	19	1.5	-0.1	6.4	5	J
2	448	5.3	159	J	7.2	89	284	0.0	-0.4	5.2	5	J
3												
4												
5												
6												
7	467	6.3	202	J	7.3	48	19	4.6	2.7	4.9	1	J
8	449	5.8	174	J	7.4	23	342	5.8	-1.2	3.0	3	J
9	472	3.1	155	J	8.4	26	328	6.2	-2.7	4.5	2	J
10	507	2.3	166	J	8.6	11	324	6.6	-4.1	3.0	2	J
11	524	2.5	148	J	9.1	-2	320	6.8	-5.5	1.5	2	J
12	532	2.6	153	J	9.1	13	309	4.8	-5.2	3.5	4	J
13	521	3.0	175	J	8.6	6	310	4.5	-4.9	2.2	5	J
14	506	3.2	150	J	8.5	-9	319	5.8	-5.2	0.0	3	J
15	480	3.4	144	J	8.8	-4	321	6.4	-5.2	0.4	3	J
16	462	3.8	111	J	8.7	22	316	5.4	-4.7	3.8	3	J
17	459	4.3	137	J	8.1	43	298	2.3	-3.8	4.9	5	J
18	445	4.9	133	J	8.5	48	305	2.7	-3.6	5.4	5	J
19	445	5.1	107	J	9.0	51	308	2.7	-3.5	5.4	6	J
20	431	5.0	147	J	8.2	34	308	3.7	-4.9	3.8	4	J
21	431	5.1	101	J	8.4	41	296	2.5	-5.6	4.6	3	J
22	454	5.1	94	J	8.3	10	280	0.9	-5.3	0.3	6	J
23	427	4.8	75	J	8.3	27	303	3.5	-5.7	2.6	4	J
24	396	5.0	61	J	8.3	12	325	5.8	-4.3	1.0	4	J
					DEC. 9, 1989 (343)							
1					7.8	16	304	3.5	-5.4	1.3	4	J
2					8.0	-15	296	3.1	-6.3	-2.4	3	J
3												
4												
5												
6												
7												
8												
9												
10	380	5.8	24	J	6.6	25	313	4.1	-3.4	4.0	1	J
11	372	6.3	27	J	6.4	19	327	4.9	-2.4	2.9	2	J
12	372	6.4	24	J	6.5	18	323	4.9	-2.9	2.9	1	J
13	374	6.2	30	J	6.5	27	320	4.3	-2.7	3.7	1	J
14	370	7.2	40	J	6.3	7	326	4.6	-2.9	1.4	3	J
15	373	7.3	43	J	6.1	26	324	4.3	-2.6	3.1	2	J
16	364	6.7	34	J	5.7	1	349	5.5	-1.0	0.2	1	J
17	362	7.1	48	J	6.1	15	356	5.7	-0.3	1.6	2	J
18	363	7.4	47	J	6.1	18	9	5.3	0.9	1.7	3	J
19	359	6.6	53	J	5.3	17	5	4.3	0.4	1.3	3	J
20	349	7.0	98	J	6.0	13	2	5.6	0.1	1.3	2	J
21	349	6.9	71	J	6.4	6	14	6.1	1.4	0.8	1	J
22	346	7.5	75	J	6.4	15	0	5.7	-0.2	1.5	2	J
23	345	6.9	73	J	6.2	8	6	5.9	0.5	0.9	1	J
24	343	7.4	64	J	6.6	11	356	6.4	-0.6	1.2	1	J
					DEC. 10, 1989 (344)							
1	340	7.4	72	J	6.1	-2	352	5.8	-0.8	-0.3	2	J
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	345	12.0	18	J	7.6	58	197	-3.8	0.3	6.5	1	J
15	346	13.0	23	J	7.9	40	227	-3.9	-3.3	5.5	3	J
16	351	13.6	32	J	7.0	24	230	-3.9	-4.3	3.3	2	J
17												
18	341	13.3	25	J	7.1	48	240	-2.3	-3.8	5.2	2	J
19	340	12.6	28	J	7.0	47	244	-1.6	-3.5	3.9	5	J
20	340	11.1	46	J	7.5	20	316	3.8	-3.8	1.7	5	J
21	336	12.2	35	J	7.5	48	257	-1.0	-4.9	4.6	3	J
22	333	12.5	32	J	7.0	67	233	-1.6	-2.9	5.9	2	J
23	340	13.0	23	J	7.8	56	191	-4.2	-1.7	6.1	2	J
24	337	14.2	32	J	8.2	54	219	-3.6	-3.7	5.9	2	J
					DEC. 11, 1989 (345)							
1	334	15.8	38	J	7.8	50	235	-2.6	-4.3	4.9	3	J
2	337	15.4	36	J	7.7	45	220	-4.1	-3.9	5.0	2	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20	383	8.4	107	J	9.3	-13	137	-6.6	6.3	-1.6	0	J
21	397	8.9	100	J	9.6	-9	125	-5.2	7.5	-0.6	3	J
22	385	8.4	91	J	10.1	-19	139	-7.1	6.5	-2.4	2	J
23	389	8.2	97	J	10.2	-10	131	-6.2	7.3	-0.6	3	J
24	335	9.6	82	J								
					DEC. 12, 1989 (346)							
1	364	11.1	62	J								
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21					11.9	-35	129	-5.6	7.7	-5.1	4	J
22	414	6.7	72	J	12.5	-2	122	-5.8	9.2	1.2	6	J
23	426	6.5	42	J	11.6	36	111	-3.2	6.9	7.8	4	J
24	405	6.5	44	J	11.7	36	129	-5.8	5.8	7.8	3	J
					DEC. 16, 1989 (350)							
					DEC. 17, 1989 (351)							
1	385	6.6	44	J	12.3	-12	153	-9.3	5.1	-1.4	6	J
2	393	5.8	35	J	11.2	41	137	-5.9	4.4	7.6	4	J
3	400	6.0	84	J	11.1	24	133	-6.4	6.4	4.8	4	J
4	408	5.6	104	J	10.8	-14	130	-6.2	7.5	-2.1	4	J
5	409	5.4	121	J	10.2	26	136	-5.7	5.6	3.7	5	J
6	429	5.2	102	J	10.1	78	131	-1.0	1.8	7.2	7	J
7	440	5.2	92	J	9.5	61	145	-3.0	3.0	6.3	6	J
8	449	4.5	83	J	9.4	-11	133	-5.3	5.3	-2.5	5	J
9					7.9	2	135	-4.8	4.7	-0.8	4	J
10					8.0	2	124	-4.1	5.9	-1.2	3	J
11	482	5.8	156	J	7.9	-21	136	-4.6	3.7	-3.5	4	J
12	489	5.5	149	J	7.7	1	123	-3.5	5.3	-1.1	4	J
13	498	5.0	137	J	7.6	2	132	-4.5	4.9	-0.8	4	J
14	480	4.8	148	J	6.9	-11	162	-5.0	1.4	-1.3	4	J
15	483	4.3	105	J	7.4	-4	123	-3.3	4.9	-1.1	4	J
16	529	4.4	104	J	7.2	16	85	0.5	5.7	1.1	4	J
17	471	3.9	146	J	6.7	9	120	-2.4	4.2	0.6	5	J
18	489	4.4	157	J	6.1	10	118	-2.0	3.7	0.8	4	J
19	478	3.9	94	J	6.2	15	145	-4.1	2.8	1.6	3	J
20	454	4.7	70	J	6.5	-1	156	-5.7	2.5	0.2	2	J
21	457	4.6	47	J	7.1	1	161	-6.1	2.0	0.4	3	J
22	456	4.1	46	J	6.8	-5	135	-4.6	4.6	0.3	2	J
23	462	4.0	46	J	6.5	14	128	-3.6	4.3	2.3	2	J
24	450	3.8	35	J	6.7	-4	130	-4.2	5.0	0.5	1	J

89-12-18 - 89-12-29

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					DEC. 18, 1989 (352)							
1	420	3.8	46	J	6.4	-3	141	-4.9	4.0	0.4	1	J
2	425	4.4	41	J	6.8	1	138	-4.8	4.3	0.7	2	J
3	422	4.4	61	J	6.9	-2	144	-5.4	3.9	0.2	1	J
4	415	4.8	52	J	7.2	5	143	-5.6	4.2	0.8	1	J
5	414	4.6	73	J	6.9	14	145	-5.3	3.8	1.6	1	J
6	415	7.4	34	J	6.5	0	124	-3.5	5.1	-0.4	2	J
7	412	16.5	24	J	3.9	20	143	-2.8	2.2	1.0	1	J
8	415	20.4	19	J	2.7	54	124	-0.8	1.4	1.6	2	J
9	420	19.9	25	J	5.1	59	265	-0.2	-1.6	4.6	2	J
10	416	22.7	24	J	5.3	45	148	-1.7	1.5	1.7	5	J
11	413	21.4	21	J	5.7	3	247	-1.8	-4.1	1.2	4	J
12	409	18.4	40	J	7.2	73	236	-1.0	-0.1	5.9	4	J
13	416	17.0	25	J	6.5	13	275	0.5	-5.3	2.4	3	J
14	415	17.8	28	J	4.4	18	300	1.9	-3.0	1.8	2	J
15	415	17.3	22	J	5.2	11	300	2.5	-4.2	1.5	1	J
16	411	17.6	18	J	5.2	-8	308	3.0	-3.9	-0.4	1	J
17	412	18.2	24	J	4.0	-11	318	2.7	-2.4	-0.7	2	J
18					4.3	-8	321	3.2	-2.5	-0.6	1	J
19	408	15.2	35	J	4.8	-53	185	-2.2	0.0	-2.9	3	J
20	395	14.9	48	J	4.5	-3	150	-2.0	1.2	0.0	4	J
21	383	8.1	45	J	5.0	6	302	2.5	-4.0	-0.2	2	J
22	379	7.1	33	J	5.6	5	299	2.6	-4.6	-0.4	2	J
23	389	9.5	59	J	6.3	-19	320	3.7	-2.7	-2.2	4	J
24	381	11.9	101	J	7.3	2	333	5.5	-2.8	-0.3	4	J
					DEC. 19, 1989 (353)							
1	401	11.4	44	J	9.1	14	290	2.7	-7.5	0.6	5	J
2					9.2	-29	324	6.4	-3.9	-5.0	2	J
3												
4	399	10.4	52	J	6.0	-10	314	2.5	-2.5	-0.8	5	J
5	391	12.2	65	J	7.0	-2	310	4.0	-4.7	-0.2	3	J
6	412	11.9	33	J	7.7	30	271	0.1	-5.1	3.5	5	J
7	407	11.6	31	J	7.8	12	278	1.0	-6.8	2.4	3	J
8					8.1	44	348	4.3	-0.2	4.3	5	J
9	372	10.8	38	J	7.7	23	349	6.2	-0.6	2.9	4	J
10	371	11.3	35	J	7.8	19	326	5.8	-3.3	3.2	2	J
11	372	11.0	34	J	7.6	1	322	5.5	-4.2	1.1	3	J
12	363	11.0	35	J	7.4	-10	18	6.6	1.8	-1.7	2	J
13	369	10.5	35	J	7.2	-7	15	5.1	1.2	-0.9	5	J
14	366	9.4	42	J	6.4	8	333	4.9	-2.3	1.2	3	J
15	359	9.1	44	J	6.6	-1	340	5.6	-2.1	0.1	3	J
16	370	9.7	21	J	7.4	17	303	3.7	-5.5	2.5	2	J
17	368	9.7	17	J	7.5	19	288	2.1	-6.5	2.5	2	J
18	354	9.0	22	J	7.6	5	306	4.2	-5.8	0.4	2	J
19	341	9.8	34	J	7.2	-12	322	5.1	-3.8	-1.7	3	J
20	338	9.7	21	J	7.3	-26	341	6.0	-1.6	-3.4	2	J
21	342	10.9	19	J	7.4	6	310	3.9	-4.7	-0.2	4	J
22	349	12.4	20	J	7.5	16	287	2.1	-7.0	0.7	1	J
23	348	12.7	17	J	8.0	10	283	1.7	-7.4	-0.2	3	J
24	336	12.2	17	J	8.1	15	307	4.7	-6.5	0.7	1	J
					DEC. 20, 1989 (354)							
1	334	12.5	13	J	8.0	11	305	4.4	-6.5	0.3	1	J
2	335	12.2	12	J	8.0	5	306	4.6	-6.4	-0.4	1	J
3												
4												
5												
6	357	11.6	35	J	7.7	22	298	3.3	-6.0	3.2	1	J
7	347	13.3	28	J	7.6	24	285	1.6	-5.6	3.4	4	J
8	358	14.5	41	J	7.5	52	244	-1.7	-2.6	5.4	4	J
9	345	14.3	28	J	7.1	31	274	0.4	-4.6	4.2	3	J
10	337	14.9	48	J	7.1	17	300	2.7	-4.3	2.6	4	J
11	356	14.6	33	J	8.5	27	279	1.1	-5.9	5.0	3	J
12	354	15.3	33	J	8.9	18	276	0.8	-7.3	4.2	3	J
13	351	14.8	38	J	8.6	2	288	2.6	-7.7	1.8	2	J
14	358	14.8	44	J	8.4	32	274	0.4	-5.7	5.0	4	J
15	351	13.7	63	J	8.3	-5	311	4.8	-5.5	0.0	4	J
16	354	13.3	67	J	7.8	0	310	4.1	-4.9	0.3	4	J
17	351	13.2	71	J	7.9	14	341	6.4	-2.2	1.7	4	J
18	340	13.0	49	J	8.5	-7	354	7.4	-0.7	-0.9	4	J
19	335	13.0	35	J	9.0	3	344	8.4	-2.5	0.2	2	J
20	335	13.0	33	J	8.8	-28	355	7.4	-0.1	-4.0	3	J
21	355	12.7	81	J	7.8	-33	359	5.9	0.6	-3.8	3	J
22	380	12.5	55	J	7.8	29	290	1.9	-5.9	2.0	4	J
23	372	13.0	57	J	7.9	-4	308	3.7	-4.5	-1.4	5	J
24	386	13.7	48	J	7.9	43	271	0.1	-4.3	2.5	6	J
					DEC. 21, 1989 (355)							
1	375	14.0	48	J	8.0	6	304	3.8	-5.6	-0.4	4	J
2												
3												
4												
5												
6												
7												
8												
9	385	14.0	51	J	8.7	3	288	2.5	-7.5	1.9	3	J
10	382	14.2	57	J	8.2	5	294	3.1	-6.7	2.1	3	J
11	386	14.1	64	J	8.0	19	293	2.4	-5.1	3.3	5	J
12	372	13.7	63	J	9.0	4	324	6.6	-4.6	1.5	4	J
13	377	17.3	52	J	11.9	-14	329	9.8	-6.3	-1.8	2	J
14	379	16.4	54	J	11.4	-1	322	8.8	-6.8	0.8	2	J
15	367	17.2	119	J	10.2	-5	331	8.4	-4.7	-0.4	3	J
16	391	16.2	48	J	10.8	-1	295	4.3	-9.2	0.3	4	J
17	375	17.7	56	J	10.1	7	310	6.0	-7.1	1.2	4	J
18	375	20.6	83	J	10.1	-4	317	6.8	-6.3	-1.0	4	J
19	370	21.5	40	J	10.7	-17	321	7.6	-5.8	-3.6	3	J
20	372	23.8	29	J	9.8	2	290	3.1	-8.6	-1.0	3	J
21					9.8	3	247	-3.6	-8.3	-1.1	4	J
22	379	28.6	28	J	9.8	20	246	-3.4	-8.1	1.4	4	J
23	365	25.6	30	J	9.0	22	277	0.9	-7.7	1.3	4	J
24	376	26.8	22	J	9.4	31	225	-5.6	-6.5	3.4	2	J
					DEC. 22, 1989 (356)							
1	434	35.9	156	J	12.8	40	228	-2.7	-3.6	2.7	12	J
2	430	15.4	177	J	17.8	4	286	4.6	-16.0	-1.7	6	J
3	440	17.9	152	J	15.6	13	291	4.9	-13.0	1.4	7	J
4	434	13.2	113	J	17.7	32	302	7.6	-12.8	8.0	6	J
5	433	8.5	112	J	18.6	35	300	7.6	-13.3	10.4	2	J
6	479	22.8	183	J	13.1	32	312	7.2	-7.7	7.1	4	J
7	471	17.1	84	J	16.5	34	308	8.3	-9.7	10.1	3	J
8	482	20.4	68	J	14.7	43	300	5.2	-7.4	10.8	4	J
9	485	25.6	121	J	10.2	39	279	1.1	-5.8	6.8	5	J
10	468	36.7	126	J	6.9	47	20	4.0	2.3	4.2	4	J
11												
12	465	29.6	210	J	15.7	-65	327	5.5	-6.2	-13.0	3	J
13	441	20.9	192	J	17.2	-55	339	8.8	-5.7	-12.7	5	J
14	444	19.9	185	J	15.6	-44	347	10.2	-3.7	-9.7	6	J
15	463	22.7	167	J	14.0	45	345	7.9	-1.3	8.3	8	J
16	459	17.0	150	J	10.3	-3	98	-1.4	9.9	-1.0	3	J
17	443	13.2	171	J	12.1	71	6	2.7	0.2	7.8	9	J
18	429	15.8	192	J	11.2	-31	303	4.9	-7.1	-5.8	4	J
19	447	17.3	17	J	13.2	41	126	-5.6	6.7	9.1	4	J
20	460	54.6	84	J	13.5	68	165	-4.8	-0.6	12.5	2	J
21	456	45.6	25	J	10.6	66	218	-3.2	-4.2	8.6	4	J
22	451	33.7	33	J	8.9	72	128	-1.7	0.3	8.6	2	J
23	450	37.6	25	J	7.2	41	303	2.5	-4.6	3.0	4	J
24	451	31.8	31	J	7.7	22	315	4.5	-5.0	1.5	3	J
					DEC. 23, 1989 (357)							
1	454	26.2	25	J	10.8	43	326	6.5	-5.8	6.2	2	J
2	455	19.5	25	J	12.2	36	333	8.7	-5.6	6.1	2	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19	516	5.2	76	J	13.0	28	293	4.4	-11.0	4.8	2	J
20	508	5.1	74	J	12.9	29	298	5.2	-10.7	4.5	2	J
21	494	5.0	74	J	12.9	26	305	6.3	-9.9	3.5	4	J
22	522	5.0	122	J	12.4	23	289	3.5	-11.0	2.2	4	J
23	508	5.4	117	J	11.9	20	303	5.0	-8.2	1.4	7	J
24	502	5.5	117	J	12.2	23	307	6.1	-9.0	2.3	5	J
					DEC. 24, 1989 (358)							
1					12.3	27	295	4.4	-10.3	3.0	4	J
2					11.9	35	305	4.9	-8.0	4.5	6	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					DEC. 29, 1989 (363)							
1	583	5.8	91	J								
2	573	6.1	97	J								
3	584	5.1	60	J								
4	583	4.8	61	J								
5	586	5.6	67	J								
6	538	4.4	38	J	8.1	21	350	6.7	-1.2	2.6	3	J
7	535	4.6	45	J	7.7	31	10	6.2	1.3	3.8	2	J
8	639	10.1	186	J	18.4	49	347	11.2	-1.4	13.4	6	J
9	648	9.6	165	J	17.9	41	339	11.8	-3.1	11.4	6	J
10	644	7.1	234	J	18.4	0	321	12.6	-10.1	1.5	9	J
11	591	7.4	530	J								
12	634	8.8	276	J	15.4	-36	298	5.5	-11.5	-7.0	5	J
13	657	7.8	291	J	16.8	-37	274	0.9	-14.1	-8.2	4	J
14	669	6.3	353	J	17.5	-37	279	2.1	-14.2	-9.0	4	J
15	700	4.3	745	J	13.7	-32	288	3.2	-10.1	-6.0	7	J
16	720	5.2	532	J	13.7	-84	204	-1.2	-0.5	-12.0	7	J
17	720	6.0	515	J	14.4	21	75	2.1	7.7	3.6	12	J
18	698	7.2	119	J	14.9	66	24	5.5	0.9	13.6	2	J
19	707	10.2	77	J	14.7	64	345	6.1	-3.7	12.6	2	J
20	730	8.1	132	J	12.9	40	110	-0.4	0.8	1.1	13	J
21	740	13.9	61	J	14.2	-52	145	-6.9	7.3	-9.3	3	J
22	707	15.3	67	J	12.6	-47	168	-8.1	4.0	-8.1	4	J
23	698	16.3	88	J	13.1	-37	148	-8.6	7.3	-5.8	3	J
24												

89-12-30 - 90-01-10

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					DEC. 30, 1989 (364)							
1	689	5.1	94	J	15.4	4	154	-13.4	6.0	2.7	4	J
2	679	3.8	59	J	14.8	17	153	-12.4	5.1	5.7	3	J
3	675	4.9	266	J	12.1	-6	166	-11.1	2.9	-0.6	4	J
4	692	4.9	338	J	10.4	2	175	-10.2	0.8	0.5	1	J
5	691	4.5	241	J	9.7	-8	183	-9.5	-0.4	-1.4	1	J
6	666	4.9	310	J	8.1	-34	171	-6.3	1.1	-4.3	3	J
7	613	6.2	332	J	5.9	17	131	-1.3	1.5	0.6	6	J
8	603	5.9	328	J	5.6	33	147	-2.9	2.1	2.1	4	J
9	625	3.4	179	J	8.1	-24	258	-1.1	-5.6	-1.8	6	J
10	580	2.0	55	J	9.3	-38	303	3.9	-6.8	-4.8	1	J
11					8.7	-42	308	3.9	-5.7	-4.9	2	J
12	569	1.9	62	J	8.4	-48	302	2.9	-5.4	-5.4	2	J
13					8.7	-46	309	3.6	-5.1	-5.4	3	J
14					8.2	-53	317	3.5	-3.7	-6.0	2	J
15	539	1.7	19	J	7.9	-52	310	3.0	-3.8	-5.9	2	J
16					8.3	-43	329	5.0	-2.9	-5.5	2	J
17	538	2.7	16	J	8.3	-43	340	5.4	-1.6	-5.5	2	J
18	532	2.6	32	J	7.8	-24	332	5.3	-2.5	-3.0	4	J
19	528	2.7	35	J	7.7	-38	335	5.1	-1.6	-4.8	3	J
20					7.4	-19	342	6.2	-1.5	-2.6	3	J
21					7.8	-66	329	2.5	0.2	-6.7	3	J
22	539	2.2	35	J	8.6	-59	303	2.2	-1.4	-7.4	4	J
23	513	2.6	78	J	8.2	-34	319	4.8	-2.8	-5.3	3	J
24					7.9	-52	323	3.6	-0.9	-6.3	3	J
					JAN. 1, 1990 (001)							
1												
2												
3												
4												
5												
6												
7					7.8	-31	344	5.4	-1.6	-3.3	4	J
8					7.5	-35	320	4.3	-3.8	-3.7	3	J
9												
10					7.1	-39	13	5.3	0.7	-4.5	1	J
11					6.9	0	347	6.2	-1.4	0.2	3	J
12	454	3.9	67	J	7.0	-9	338	6.0	-2.5	-0.7	2	J
13												
14	487	4.8	83	J	10.3	25	23	6.4	2.9	3.1	6	J
15	461	5.5	118	J	10.0	-5	346	8.3	-2.1	-0.7	5	J
16	495	5.2	78	J	10.1	-19	319	6.4	-5.4	-3.1	5	J
17	485	5.0	92	J	9.8	-14	323	6.7	-4.8	-2.5	5	J
18	476	4.8	94	J	9.2	3	344	6.7	-2.0	0.1	6	J
19	468	5.0	84	J	9.7	-7	345	7.1	-1.7	-1.2	6	J
20	500	4.5	93	J	9.8	-26	312	5.5	-5.1	-5.3	3	J
21												
22												
23												
24	487	5.2	86	J	9.5	-30	314	5.2	-3.8	-5.8	4	J
					JAN. 3, 1990 (003)							
1	500	9.3	175	J	9.2	-40	345	5.3	0.0	-4.8	6	J
2	513	9.1	223	J	7.8	-33	350	4.9	0.0	-3.3	5	J
3												
4												
5												
6												
7												
8					5.7	65	235	-0.7	-0.9	2.7	5	J
9	528	4.0	159	J	8.1	10	295	3.2	-6.6	1.9	3	J
10	521	4.7	144	J	7.9	28	297	3.1	-5.7	4.3	1	J
11												
12												
13												
14												
15					8.5	27	305	3.7	-5.3	3.3	4	J
16					8.8	-13	294	3.0	-6.6	-2.0	5	J
17	452	6.0	50	J	9.0	-21	323	6.2	-4.4	-3.4	4	J
18	406	8.8	213	J	8.7	-7	350	7.8	-1.2	-1.2	4	J
19	453	6.6	60	J	8.3	35	14	5.9	0.6	4.4	4	J
20					8.1	8	346	5.7	-1.6	0.5	6	J
21	438	7.1	109	J	8.3	15	343	6.0	-2.2	1.1	5	J
22	415	7.7	227	J	8.7	15	32	6.1	3.1	3.0	4	J
23	437	7.1	137	J	8.2	25	14	6.5	0.5	3.5	4	J
24	425	7.6	148	J	8.3	18	28	6.1	2.4	3.2	4	J
					JAN. 5, 1990 (005)							
1	562	6.5	87	J	9.0	22	329	6.7	-4.8	1.7	3	J
2	570	6.3	97	J	9.0	26	324	6.0	-5.2	2.2	4	J
3	559	6.0	85	J	8.4	19	337	6.6	-3.3	1.7	3	J
4	560	5.8	81	J	8.2	38	345	5.6	-2.4	4.2	4	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16	510	8.2	134	J	7.4	-19	292	2.3	-5.5	-2.4	4	J
17	514	7.6	107	J	7.4	-27	277	0.7	-5.3	-3.5	4	J
18	511	7.2	87	J	7.8	-27	301	2.0	-3.0	-2.5	6	J
19	508	7.7	59	J	9.0	39	5	6.3	-0.5	5.2	4	J
20	504	8.2	97	J	8.6	21	349	7.5	-2.2	2.5	2	J
21	510	8.1	73	J	8.2	-24	331	5.8	-2.2	-3.7	4	J
22					8.3	-7	312	5.1	-5.1	-2.7	3	J
23	497	6.9	68	J	7.8	-39	344	5.5	0.0	-4.9	3	J
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					DEC. 31, 1989 (365)							
1					7.8	-36	327	4.4	-1.7	-4.5	5	J
2												
3												
4	672	4.7	77	J	9.8	-58	212	-4.3	-1.4	-8.4	2	J
5	617	4.8	56	J	10.1	-67	323	3.1	-1.5	-9.2	2	J
6	605	4.5	69	J	10.2	-55	315	4.0	-3.8	-8.2	2	J
7	573	2.7	128	J	9.3	-42	338	5.6	-2.4	-5.4	4	J
8	671	3.3	97	J	9.0	-82	169	-1.1	-0.4	-7.8	4	J
9	629	4.7	121	J	7.5	-78	258	-0.3	-2.2	-6.6	3	J
10	593	6.2	128	J	6.3	-61	303	1.6	-3.1	-4.8	2	J
11	585	8.6	68	J	5.3	-67	246	-0.7	-2.2	-4.1	3	J
12	569	4.4	93	J	6.6	-72	324	1.6	-1.9	-5.9	2	J
13	552	3.3	61	J	5.9	-50	284	0.8	-3.8	-3.8	2	J
14	540	3.2	75	J	6.2	-60	294	1.2	-3.0	-4.8	2	J
15	520	2.3	71	J	7.0	28	333	4.5	-2.2	2.7	4	J
16					7.1	48	319	3.5	-3.1	5.1	2	J
17	491	2.8	55	J	6.7	-42	324	2.7	-1.7	-3.1	5	J
18	487	2.7	26	J	7.1	-12	321	5.1	-3.9	-1.9	2	J
19	477	3.1	32	J	7.4	1	318	5.3	-4.8	-0.7	2	J
20	493	2.8	28	J	6.5	-1	318	4.6	-4.0	-1.0	2	J
21	495	2.8	25	J	6.2	6	304	3.3	-4.9	-0.7	2	J
22	459	3.3	75	J	6.5	11	332	5.0	-2.9	0.3	3	J
23					6.9	17	339	5.7	-2.6	1.1	3	J
24	519	3.4	44	J	7.0	0	26	3.2	1.5	0.5	6	J
					JAN. 2, 1990 (002)							
1	500	4.4	70	J	9.6	11	295	3.6	-7.8	-0.7	4	J
2	524	6.7	36	J	10.0	72	83	0.4	0.4	9.8	2	J
3	526	9.9	34	J	10.3	61	106	-1.4	2.7	9.8	2	J
4	524	11.3	28	J	10.3	68	127	-2.3	1.4	9.8	2	J
5	513	6.5	31	J	10.6	69	102	-0.8	2.6	10.2	1	J
6					10.8	72	98	-0.5	2.8	10.4	1	J
7	498	7.0	23	J	9.9	69	130	-2.2	2.8	9.0	2	J
8	494	8.0	29	J	9.6	73	70	0.9	3.1	8.8	2	J
9	485	6.5	101	J	10.5	39	342	6.4	-1.6	5.6	6	J
10	491	5.4	107	J	9.9	-11	323	6.9	-5.4	-1.1	5	J
11	499	6.0	119	J	9.4	-21	315	5.7	-6.0	-2.4	4	J
12					9.6	18	313	5.7	-5.8	3.4	4	J
13	491	6.1	105	J	9.3	-10	313	5.7	-6.2	-0.9	4	J
14	491	5.5	94	J	9.1	0	309	4.6	-5.7	0.3	5	J
15	472	5.7	54	J	9.2	-1	313	5.5	-5.9	-0.1	4	J
16					9.3	-12	307	5.3	-7.0	-2.1	2	J
17					9.1	-13	316	6.2	-5.8	-2.5	2	J
18	502	7.3	99	J	8.8	3	307	4.6	-6.1	-0.5	4	J
19	536	8.3	99	J	8.6	10	282	1.1	-5.1	-0.1	7	J
20	474	9.0	55	J	9.2	-12	311	5.3	-5.5	-3.1	4	J
21	480	9.4	157	J	9.0	-26	325	5.6	-2.9	-4.3	5	J
22												
23	523	8.9	140	J	10.5	-32	314	5.5	-3.9	-6.4	5	J
24	509	9.4	124	J	10.2	-26	307	4.2	-4.2	-4.9	7	J
					JAN. 4, 1990 (004)							
1	442	7.2	103	J	8.4	10	331	4.3	-2.5	0.1	7	J
2	427	7.4	83	J	9.0	20	359	8.0	-0.9	2.8	3	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16	624	6.1	129	J	9.3	13	342	8.6	-3.1	1.6	1	J
17	639	6.0	168	J	9.4	20	324	6.7	-5.4	2.0	3	J
18	612	5.7	157	J	9.7	26	320	6.5	-6.3	2.6	2	J
19	581	5.9	189	J	9.3	18	322	6.3	-5.5	1.1	4	J
20	582	6.7	221	J	8.1	-18	343	5.6	-1.0	-2.4	5	J
21	569	6.6	151	J	8.8	0	322	6.4	-4.7	-1.6	3	J
22	564	7.0	121	J	8.8	-5	350	7.1	-1.0	-1.0	5	J
					JAN. 10, 1990 (010)							
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12					11.2	2	119	-5.0	9.1	-0.1	4	J
13					10.4	-30	175	-8.4	0.6	-4.9	4	J
14					10.4	-28	173	-8.7	1.1	-4.6	3	J
15					9.9	-27	152	-6.7	3.7	-3.7	5	J
16					10.7	-8	156	-9.1	4.2	-1.0	3	J
17					11.8	8	143	-9.0	6.5	2.5	3	J
18												
19												
20												
21												
22												
23												
24												

90-01-11 - 90-01-18

JAN. 11, 1990 (011)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	478	5.8	128	J	12.3	-5	136	-8.2	7.7	1.9	5	J
2	483	7.9	203	J	11.5	-4	135	-7.3	7.2	1.7	5	J
3	499	8.6	233	J	11.1	25	148	-6.6	2.9	4.7	7	J
4	539	10.3	263	J	11.3	63	187	-3.0	-1.8	5.7	9	J
5	508	8.7	197	J	11.4	34	146	-5.8	3.0	5.3	8	J
6					11.3	6	151	-8.4	4.5	1.6	6	J
7					11.5	-8	148	-8.6	5.4	-1.1	5	J
8					11.9	1	131	-6.7	7.7	0.3	6	J
9					11.4	-38	129	-5.4	6.5	-6.9	3	J
10					10.5	4	178	-9.1	0.3	0.6	5	J
11					10.7	-12	140	-7.2	5.9	-2.3	5	J
12					10.9	-24	137	-5.3	4.8	-3.5	7	J
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

JAN. 12, 1990 (012)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2					8.7	-11	182	-5.2	0.2	-1.0	7	J
3					8.6	-11	132	-4.8	5.5	0.2	4	J
4					8.2	-5	148	-5.3	3.4	0.3	5	J
5	509	5.6	85	J	8.5	-9	130	-4.6	5.6	-0.1	4	J
6	527	5.8	135	J	8.0	19	133	-3.5	3.5	2.2	6	J
7	508	5.7	107	J	7.5	-7	126	-3.3	4.6	-0.4	5	J
8	493	5.6	107	J	7.3	2	139	-4.3	3.7	0.3	5	J
9					7.0	-35	176	-5.6	0.3	-3.9	2	J
10					7.4	3	169	-5.2	1.0	0.2	5	J
11					6.8	-6	161	-5.4	1.8	-0.7	4	J
12					7.2	-14	149	-5.7	3.3	-1.8	2	J
13												
14												
15					6.5	-7	100	-1.1	6.3	-0.4	1	J
16					6.6	-7	97	-0.8	6.5	-0.1	1	J
17					6.3	-20	150	-3.3	2.1	-1.1	5	J
18					6.3	-11	102	-1.2	6.0	0.1	2	J
19												
20												
21												
22												
23												
24												

JAN. 13, 1990 (013)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4	453	7.0	91	J	6.9	44	176	-3.2	-0.6	3.1	5	J
5	454	6.7	52	J	7.7	45	167	-4.9	0.1	5.1	3	J
6					6.9	19	133	-3.5	3.5	2.2	4	J
7	459	8.1	104	J	6.4	13	143	-4.2	3.1	1.4	3	J
8	458	7.4	97	J	6.4	39	144	-3.3	2.3	3.3	4	J
9	449	6.6	86	J	6.3	23	142	-3.8	3.0	2.0	3	J
10	455	7.8	117	J	5.9	0	141	-3.5	2.8	-0.1	4	J
11					4.9	-28	177	-3.0	0.1	-1.6	4	J
12					5.5	-12	118	-2.4	4.5	-1.2	2	J
13					5.2	5	145	-3.7	2.6	0.4	3	J
14					5.3	17	156	-4.3	1.9	1.5	2	J
15					5.3	8	167	-4.7	1.0	0.7	2	J
16	442	5.6	84	J	4.8	-21	183	-4.0	0.0	-1.6	2	J
17	439	6.4	81	J	5.5	-14	143	-4.0	3.2	-0.8	2	J
18					5.5	20	159	-4.7	1.4	2.2	1	J
19					5.3	15	158	-4.5	1.4	1.7	2	J
20					5.6	-18	136	-3.6	3.8	-0.5	2	J
21					5.5	-18	147	-4.3	3.2	-0.6	1	J
22					5.1	-20	202	-4.0	-0.9	-2.1	2	J
23					5.1	-20	132	-2.8	3.5	-0.2	3	J
24					5.3	-17	106	-1.2	4.5	0.4	2	J

JAN. 14, 1990 (014)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	417	6.4	40	J	5.6	-3	101	-1.0	5.0	1.7	1	J
2	411	6.4	32	J	5.6	-3	109	-1.7	4.8	1.5	2	J
3	411	7.3	36	J	5.8	3	102	-1.1	4.8	1.9	2	J
4	397	7.3	51	J	5.9	11	131	-3.5	3.7	2.1	2	J
5	404	7.4	37	J	5.4	-4	96	-0.5	4.4	0.6	3	J
6	396	7.8	41	J	5.3	21	108	-1.5	4.2	2.4	2	J
7					5.6	21	100	-0.8	4.4	2.2	3	J
8					5.7	-4	123	-2.8	4.4	-0.2	2	J
9					5.9	25	150	-2.6	1.5	1.4	5	J
10					5.9	3	107	-1.5	4.9	0.2	3	J
11					5.7	11	181	-4.9	-0.1	1.0	3	J
12					5.6	24	188	-4.4	-0.6	2.0	3	J
13												
14												
15												
16												
17												
18												
19												
20												
21												
22					8.5	47	84	0.6	2.9	7.5	3	J
23					8.0	-4	128	-4.6	5.6	1.8	3	J
24	457	7.3	63	J	7.0	15	163	-6.0	1.0	2.3	3	J

JAN. 15, 1990 (015)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	408	9.8	77	J	6.2	31	145	-3.2	1.2	3.0	4	J
2	437	9.7	82	J	6.3	-13	61	2.6	4.7	0.5	3	J
3	434	9.4	83	J	5.8	3	54	2.3	3.0	1.2	4	J
4	408	9.0	85	J	5.1	5	117	-1.7	3.1	1.2	3	J
5	409	8.7	68	J	5.4	-58	177	-1.9	0.7	-3.0	4	J
6	438	8.4	78	J	4.9	-10	46	2.8	3.0	-0.3	3	J
7	433	8.2	63	J	5.4	-6	34	3.2	2.2	-0.2	4	J
8	416	7.9	54	J	4.3	28	68	0.8	2.0	1.3	4	J
9	414	7.7	46	J	4.5	30	85	0.2	2.6	1.5	3	J
10					5.3	-52	176	-3.3	0.2	-4.2	1	J
11	413	7.8	45	J	4.9	-57	157	-1.3	0.5	-2.2	4	J
12	415	9.0	46	J	4.0	26	52	1.6	2.1	1.2	3	J
13	398	9.3	63	J	4.4	36	197	-2.7	-0.8	2.1	3	J
14												
15												
16												
17					5.5	-35	64	1.3	3.1	-1.6	4	J
18	404	10.2	71	J	4.7	13	63	1.3	2.3	1.2	4	J
19	403	10.6	60	J	4.5	29	53	2.2	2.2	2.7	2	J
20	401	10.7	71	J	3.7	2	22	2.4	0.9	0.4	3	J
21	392	11.2	67	J	3.8	30	151	-2.1	0.6	1.7	3	J
22	387	12.3	51	J	5.4	64	136	-1.7	-0.3	5.0	1	J
23	379	12.7	63	J	5.8	39	177	-4.4	-1.2	3.4	1	J
24	381	14.7	57	J	6.7	35	155	-4.5	0.5	4.0	3	J

JAN. 16, 1990 (016)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	380	15.3	53	J	7.5	38	146	-4.6	1.2	5.2	2	J
2	371	13.2	55	J	7.0	24	145	-5.0	2.3	3.8	2	J
3												
4												
5												
6	374	13.6	68	J	6.5	3	139	-4.8	4.1	1.0	1	J
7	368	13.0	41	J	6.9	20	168	-6.0	1.0	2.3	2	J
8	390	13.5	36	J	7.2	17	107	-1.8	5.8	2.2	3	J
9	386	14.1	39	J	7.2	16	127	-3.5	4.7	1.7	4	J
10	386	16.5	44	J	6.2	26	165	-2.8	0.8	1.4	6	J
11	404	20.5	44	J	2.5	42	276	0.2	-1.7	1.6	2	J
12	399	20.5	47	J	3.1	37	244	-1.1	-2.1	1.8	1	J
13	386	18.2	43	J	4.2	15	308	2.4	-3.1	1.0	1	J
14	384	17.5	35	J	4.4	3	302	2.2	-3.6	0.1	1	J
15	386	17.1	32	J	4.6	-9	305	2.4	-3.4	-1.0	2	J
16	388	17.6	34	J	4.2	-38	302	1.6	-2.2	-2.6	2	J
17	391	13.0	38	J	5.8	-63	277	0.3	-1.6	-5.4	2	J
18	390	12.9	38	J	6.2	-37	266	-0.3	-3.7	-4.5	2	J
19	379	11.6	54	J	5.9	29	305	2.5	-4.1	1.3	3	J
20	374	11.2	50	J	7.2	-31	304	3.0	-3.1	-4.4	4	J
21	373	11.3	47	J	6.9	-38	314	3.6	-2.0	-5.1	2	J
22	374	11.3	48	J	7.1	5	302	3.6	-5.6	-1.7	2	J
23	383	10.1	32	J	8.0	-16	294	2.5	-4.5	-3.9	5	J
24	387	10.3	41	J	7.9	-15	292	2.6	-5.1	-4.2	3	J

JAN. 17, 1990 (017)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	405	10.2	42	J	7.6	2	287	2.0	-6.1	-2.3	3	J
2	395	10.2	72	J	7.5	1	305	4.0	-5.4	-2.0	3	J
3												
4	396	11.0	104	J	7.5	0	320	5.4	-4.4	-1.3	2	J
5	408	10.5	80	J	7.9	16	299	3.5	-6.6	0.6	2	J
6	410	10.8	65	J	7.9	-33	301	3.1	-4.4	-4.6	4	J
7	393	11.1	83	J	8.4	6	318	6.0	-5.4	0.3	2	J
8	387	11.5	105	J	8.3	19	331	6.6	-3.8	2.4	2	J
9	397	11.5	80	J	8.2	3	303	4.2	-6.5	0.3	3	J
10	383	12.1	99	J	8.6	10	323	6.5	-4.9	1.5	2	J
11	404	13.3	60	J	8.5	-3	279	1.2	-7.8	-0.3	3	J
12	391	13.5	82	J	8.7	-5	300	3.3	-5.7	-0.6	6	J
13	366	12.4	67	J	9.5	-2	325	7.3	-5.1	-0.4	3	J
14	361	12.8	59	J	10.2	-3	316	7.1	-6.8	-0.8	3	J
15	363	14.4	57	J	10.3	13	294	4.0	-9.2	1.5	2	J
16	357	14.8	62	J	10.3	-4	299	4.6	-8.2	-1.8	4	J
17	337	13.6	40	J	10.2	-3	317	6.5	-5.9	-1.6	5	J
18	332	15.2	27	J	10.1	0	294	3.7	-8.2	-2.0	4	J
19	333	14.7	32	J	10.2	-7	287	2.8	-8.4	-3.7	3	J
20	327	13.0	35	J	10.1	15	305	5.4	-8.2	-0.2	2	J
21	324	15.6	32	J	10.1	3	308	5.4	-6.6	-2.1	5	J
22	326	20.2	32	J	9.8	-31	342	7.8	-0.4	-5.5	2	J
23	327	27.9	18	J	7.4	-37	337	5.2	-0.3	-4.8	2	J
24	324	35.8	15	J	6.1	-50	347	3.4	1.0	-4.1	3	J

JAN. 18, 1990 (018)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	322	37.6	14	J	6.0	3	300	2.1	-3.4	-1.2	4	J
2	318	34.8	14	J	6.3	0	303	3.2	-4.6	-1.8	2	J
3					6.3	14	306	3.4	-4.9	-0.2	2	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

90-01-22 - 90-01-29

JAN. 22, 1990 (022)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	510	9.9	211	J								
16	526	8.4	148	J								
17												
18												
19												
20												
21												
22												
23												
24												

JAN. 23, 1990 (023)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6	530	8.8	131	J	10.6	-8	323	6.1	-4.3	-2.0	7	J
7					10.3	-18	337	8.7	-3.2	-3.6	3	J
8	522	9.7	96	J	9.6	41	308	3.9	-5.6	5.1	4	J
9	521	9.6	71	J	10.2	41	302	3.4	-5.8	5.3	5	J
10	530	9.9	102	J	9.9	45	299	2.7	-5.0	5.3	6	J
11	506	7.8	56	J	9.7	-16	340	7.9	-2.8	-2.5	4	J
12	510	8.6	105	J	8.9	-28	331	5.7	-3.0	-3.6	5	J
13	538	7.7	100	J	11.6	21	287	2.6	-8.7	3.0	6	J
14	540	7.7	99	J	11.6	8	279	1.6	-10.5	0.6	5	J
15	527	7.9	129	J	9.9	-5	293	3.7	-8.5	-1.9	3	J
16	515	8.0	89	J	10.9	11	308	6.3	-8.3	0.6	3	J
17	512	6.3	83	J	10.9	9	309	6.5	-8.2	-0.2	3	J
18	516	7.4	94	J	11.0	28	300	4.5	-8.7	2.5	4	J
19	521	6.0	78	J	12.6	-2	331	10.4	-5.3	-2.2	4	J
20	524	3.8	47	J	14.5	-16	346	13.3	-1.7	-4.9	2	J
21	541	3.8	46	J	14.5	-18	345	13.0	-1.5	-5.4	3	J
22	604	4.8	171	J	12.6	16	307	6.4	-8.9	-0.8	6	J
23	648	6.1	283	J	10.7	23	322	7.0	-6.5	1.0	5	J
24												

JAN. 24, 1990 (024)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	657	6.2	300	J	10.2	-3	317	6.4	-5.2	-2.9	5	J
2	643	6.2	340	J	9.5	1	339	7.7	-2.7	-1.1	5	J
3	658	5.7	307	J	9.4	11	349	7.5	-1.9	0.8	5	J
4	682	5.8	292	J	9.7	2	310	5.4	-6.2	-1.8	5	J
5	697	4.3	417	J	9.4	5	335	7.4	-3.5	-0.2	4	J
6	729	3.8	423	J	10.1	-13	319	5.7	-4.5	-2.7	6	J
7	748	3.7	341	J	10.6	20	304	4.7	-7.4	2.0	6	J
8	688	3.8	235	J	10.9	-7	317	7.0	-6.3	-1.8	5	J
9	698	4.2	254	J	10.2	-12	329	7.0	-4.1	-2.0	6	J
10	689	3.9	144	J	9.4	-21	335	6.8	-3.0	-3.0	5	J
11	677	3.5	157	J	9.3	-18	322	6.7	-5.1	-2.9	3	J
12	635	4.5	165	J	8.3	3	325	6.1	-4.3	0.2	4	J
13	650	5.2	271	J	7.2	8	328	5.1	-3.2	0.7	4	J
14	651	5.2	236	J	7.1	0	342	6.0	-1.9	-0.2	3	J
15	682	4.8	212	J	7.4	12	307	3.8	-5.1	0.7	4	J
16	670	5.0	184	J	7.3	9	311	4.4	-5.2	0.2	3	J
17	666	5.0	204	J	6.7	-17	307	3.3	-3.9	-2.6	4	J
18	685	5.0	205	J	6.3	-36	334	3.4	-0.8	-3.1	4	J
19	664	5.0	181	J	7.3	-22	0	5.7	0.7	-2.2	4	J
20	646	5.3	210	J	7.3	-6	3	6.5	0.6	-0.5	3	J
21	660	5.3	203	J	7.4	-33	21	5.1	3.2	-2.5	4	J
22	653	5.1	179	J	7.4	-11	329	4.9	-2.2	-2.3	5	J
23	633	5.1	114	J	8.0	-24	354	6.8	0.7	-3.1	3	J
24	629	5.3	80	J	8.3	-29	353	6.9	1.0	-3.9	2	J

JAN. 25, 1990 (025)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3	652	4.1	200	J	7.4	26	360	5.2	-0.9	2.4	5	J
4	676	3.4	153	J	7.7	42	322	3.6	-4.0	3.0	4	J
5	650	3.5	175	J	7.8	10	335	4.9	-2.5	0.3	5	J
6	645	3.0	95	J	8.1	8	314	5.0	-5.3	-0.1	4	J
7	655	2.8	163	J	8.0	15	321	5.5	-4.7	1.2	3	J
8	726	2.9	350	J	6.6	33	292	1.4	-3.7	2.1	5	J
9	710	2.6	299	J	6.7	13	292	1.9	-4.8	0.8	4	J
10	717	2.7	324	J	5.8	17	4	3.7	0.2	1.2	4	J
11	710	2.2	277	J	4.9	8	356	3.9	-0.3	0.5	3	J
12	701	1.9	274	J	4.9	-10	10	4.5	0.8	-0.8	2	J
13	718	1.6	233	J	4.5	6	359	4.3	-0.1	0.4	1	J
14					4.7	18	350	4.0	-0.8	1.3	2	J
15	675	1.7	137	J	5.0	-14	329	3.6	-2.0	-1.3	3	J
16	680	2.2	183	J	5.4	10	297	2.2	-4.5	0.1	2	J
17					5.3	17	303	2.6	-4.2	0.5	2	J
18	704	2.2	228	J	5.4	22	274	0.3	-4.3	0.4	3	J
19	693	2.1	143	J	4.9	24	284	0.9	-4.1	0.4	2	J
20												
21	688	1.9	99	J	5.5	40	263	-0.5	-4.9	1.4	2	J
22					5.2	25	281	0.7	-4.1	0.0	3	J
23	683	2.2	117	J	5.3	45	252	-1.1	-4.7	1.7	2	J
24					5.3	38	263	-0.4	-4.5	0.9	3	J

JAN. 26, 1990 (026)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	639	2.1	96	J	4.7	39	283	0.6	-3.4	0.8	3	J
2					5.4	37	305	1.6	-3.0	1.0	4	J
3	595	1.4	72	J	5.4	-2	341	4.9	-1.5	-0.8	2	J
4	596	1.2	46	J	6.1	-3	326	4.8	-3.0	-1.4	1	J
5	571	1.5	56	J	5.8	4	307	3.1	-4.0	-0.8	3	J
6					5.9	-19	340	5.2	-1.4	-2.3	1	J
7	527	1.9	82	J	5.4	-11	318	3.6	-3.0	-1.4	2	J
8					5.4	-11	322	3.9	-3.0	-1.3	2	J
9					5.4	9	330	4.4	-2.6	0.6	2	J
10					4.7	-4	340	3.9	-1.4	-0.4	2	J
11					4.7	-36	324	2.4	-1.7	-2.3	3	J
12					4.9	-2	311	2.6	-2.9	-0.3	3	J
13					4.4	-2	271	0.1	-3.4	-0.4	3	J
14	502	1.8	33	J	4.4	-41	312	1.8	-1.7	-2.5	3	J
15	577	1.7	106	J	4.1	-35	190	-2.9	-0.2	-2.1	2	J
16	538	1.5	45	J	3.9	-63	204	-0.4	0.0	-0.8	4	J
17	449	1.6	72	J	4.3	-15	326	3.3	-1.9	-1.6	2	J
18					4.3	-14	307	2.3	-2.7	-1.8	1	J
19	442	1.5	20	J	3.9	1	295	1.5	-3.0	-1.0	2	J
20												
21					4.2	-3	315	2.9	-2.5	-1.4	1	J
22	420	2.4	48	J	4.2	-3	323	3.3	-2.1	-1.3	1	J
23	411	3.1	32	J	4.4	-5	327	3.6	-1.9	-1.4	0	J
24	403	2.7	11	J	4.4	-5	327	3.6	-1.9	-1.4	1	J

JAN. 27, 1990 (027)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	377	3.6	17	J	4.4	-4	328	3.7	-2.0	-1.3	0	J
2	400	3.4	13	J	4.3	-4	321	3.3	-2.3	-1.4	1	J
3	389	4.0	26	J	3.6	-12	307	2.1	-2.2	-1.7	1	J
4	390	6.1	35	J	4.3	-15	311	2.7	-2.6	-2.1	1	J
5	383	6.8	34	J	4.1	-5	305	2.3	-3.0	-1.2	1	J
6												
7												
8												
9												
10					4.9	27	255	-1.1	-4.3	2.0	1	J
11					4.8	27	258	-0.9	-4.2	1.9	1	J
12					4.4	37	279	0.5	-3.5	2.4	1	J
13					4.6	40	269	-0.1	-3.7	2.6	1	J
14					3.8	42	271	0.0	-2.8	2.0	1	J
15	321	16.3	628	J	4.5	18	249	-1.5	-4.0	0.8	1	J
16	322	18.3	265	J	4.1	26	239	-1.9	-3.4	1.2	1	J
17					3.9	31	253	-0.8	-2.9	0.9	2	J
18					5.1	-16	263	-0.6	-3.9	-2.6	2	J
19					6.1	32	250	-1.7	-5.6	1.4	1	J
20					6.9	64	253	-0.9	-5.0	4.6	1	J
21	318	16.8	30	J	6.8	79	280	0.2	-3.9	5.4	1	J
22	331	8.9	6	J	6.5	84	340	0.6	-3.0	5.6	1	J
23	330	8.5	9	J	6.7	66	12	2.5	-2.2	5.4	2	J
24	324	7.4	14	J	7.1	48	21	4.4	-0.9	5.4	1	J

JAN. 28, 1990 (028)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	322	7.6	15	J	7.1	54	11	4.1	-1.9	5.5	1	J
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	340	22.9	11	J	10.2	45	237	-3.9	-6.6	6.6	1	J
14	347	24.1	15	J	11.2	63	238	-2.6	-5.3	9.2	3	J
15	359	27.9	26	J	14.3	57	267	-0.4	-9.3	10.4	3	J
16	351	22.7	26	J	13.8	58	243	-3.0	-7.9	9.2	6	J
17	348	15.6	26	J	13.5	60	196	-4.0	-2.9	6.8	11	J
18					12.8	4	298	3.7	-6.7	-1.5	10	J
19	355	9.9	8	J	13.1	-12	305	7.2	-8.8	-6.1	2	J
20	352	9.2	12	J	12.5	-15	309	7.5	-7.3	-6.6	2	J
21	352	11.4	31	J	11.5	50	285	1.8	-9.7	4.7	4	J
22	359	15.2	48	J	12.5	25	291	4.0	-11.6	0.0	4	J
23	392	19.8	99	J	15.6	34	301	6.1	-12.6	2.4	7	J
24	388	18.7	106	J	15.5	-7	306	8.2	-9.2	-6.7	7	J

JAN. 29, 1990 (029)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	376	18.2	100	J	14.0	-27	307	6.2	-4.9	-8.4	8	J
2	371	18.2	83	J	14.6	44	316	7.5	-10.9	6.0	2	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	386	14.3	63	J	12.3	-4	338	11.3	-4.4	-1.4	1	J
15	396	14.5	72	J	12.9	8	323	9.5	-7.3	0.5	5	J
16	405	11.8	76	J	13.6	1	318	9.3	-8.2	-1.5	5	J
17					14.3	22	297	5.6	-11.8	2.0	5	J
18	454	6.6	135	J	14.2	16	302	6.9	-11.7	0.2	4	J
19	453	5.1	206	J	13.8	2	312	8.7	-9.2	-3.0	5	J
20	485	5.4	299	J	12.0	-26	309	5.9	-4.9	-7.1	6	J
21	491	5.9	273	J	11.6	-37	337	7.9	-0.3	-7.3	4	J
22	507	6.4	401	J	9.7	9	275	0.7	-8.2	-2.6	5	J
23	495	7.6	323	J	10.3	-14	301	4.9	-6.2	-6.0	3	J
24	484	7.3	377	J	10.3	-1	300	4.7	-7.1	-3.9	4	J

JAN. 30, 1990 (030)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	458	6.6	408	J	12.7	-9	299	5.4	-7.9	-6.0	7	J
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

FEB. 4, 1990 (035)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	387	28.0	52	J								
14	390	26.7	44	J	11.1	7	311	6.4	-7.4	0.1	5	J
15	397	30.2	20	J	10.6	-6	319	7.5	-6.2	-2.3	3	J
16	398	45.5	27	J	9.3	-2	325	7.3	-4.9	-1.5	2	J
17												
18												
19												
20												
21												
22												
23												
24	619	5.9	245	J	14.0	-29	147	-10.0	8.9	-2.6	3	J

FEB. 5, 1990 (036)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	617	7.0	290	J	16.0	-7	139	-10.9	9.2	3.0	7	J
2	610	8.1	235	J	14.8	-21	149	-10.9	8.0	-1.3	6	J
3	613	8.0	208	J	13.5	-18	143	-9.0	7.7	-0.5	6	J
4	598	8.3	164	J	13.6	6	141	-9.7	6.8	4.2	5	J
5	603	7.5	160	J	13.3	-4	144	-9.5	6.8	1.5	6	J
6	620	7.1	240	J	12.4	-12	141	-8.2	7.0	-0.4	6	J
7	631	6.8	256	J	10.8	-9	154	-7.7	4.0	-0.5	7	J
8	661	6.3	319	J	10.4	20	106	-2.4	7.7	4.5	5	J
9	665	6.2	388	J	9.6	-16	100	-1.1	6.4	-1.0	7	J
10	664	5.9	315	J	9.0	-25	182	-4.0	0.1	-1.9	8	J
11	642	4.9	204	J	8.1	-17	179	-7.2	0.3	-2.2	3	J
12	657	4.8	277	J	7.1	-34	201	-4.4	-1.3	-3.4	4	J
13	635	4.1	138	J	7.7	21	131	-3.6	3.8	2.6	5	J
14	630	3.9	185	J	6.9	17	147	-4.3	2.5	2.0	4	J
15	637	4.0	225	J	6.8	-4	146	-4.0	2.7	0.2	5	J
16	635	3.9	180	J	6.9	-16	127	-3.1	4.3	-0.5	4	J
17					7.1	7	105	-1.6	5.6	2.5	3	J
18	619	3.8	100	J	7.0	-10	155	-5.9	3.0	-0.2	2	J
19	619	3.6	73	J	6.7	1	152	-5.4	2.6	1.2	3	J
20	612	3.7	221	J	6.6	9	114	-1.8	3.4	2.4	5	J
21	624	3.0	157	J	7.0	-16	104	-1.3	5.4	1.0	4	J
22					8.2	0	123	-3.7	5.0	2.7	4	J
23	552	2.9	57	J	8.7	-23	118	-3.5	7.2	0.5	3	J
24	594	3.1	78	J	9.1	-22	96	-0.8	8.3	1.1	3	J

FEB. 6, 1990 (037)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	569	3.2	126	J	8.7	-18	88	0.3	7.9	1.5	3	J
2	555	2.5	357	J	9.2	-22	100	-1.4	8.4	0.8	3	J
3					8.9	-23	101	-1.5	8.2	0.3	3	J
4					8.5	-32	97	-0.8	7.8	-1.3	3	J
5					7.7	-25	101	-1.2	6.9	-0.7	3	J
6					7.5	-23	101	-1.1	6.1	-0.8	4	J
7	534	2.5	47	J	7.3	9	161	-6.1	1.8	1.5	3	J
8	566	4.9	101	J	8.0	-24	95	-0.6	7.4	-1.9	2	J
9					8.0	16	158	-5.4	1.9	2.0	5	J
10	492	2.9	102	J	7.3	31	203	-5.7	-2.8	3.4	1	J
11					6.8	32	204	-5.1	-2.6	3.2	2	J
12	462	2.2	63	J	6.3	25	141	-3.7	2.8	2.6	3	J
13	513	2.6	65	J	6.7	39	201	-4.6	-2.3	3.8	2	J
14	518	2.5	44	J	6.9	43	213	-4.1	-3.4	4.1	1	J
15	498	2.3	36	J	7.2	19	217	-5.3	-4.4	1.4	2	J
16	496	2.1	46	J	7.5	7	235	-3.9	-5.6	-0.5	3	J
17	509	3.3	42	J	8.2	21	243	-3.3	-6.9	0.8	3	J
18	491	3.2	50	J	8.6	52	189	-5.0	-3.0	5.9	2	J
19	490	4.2	64	J	8.3	43	219	-4.1	-5.0	3.3	4	J
20	504	5.2	69	J	9.7	66	198	-3.6	-4.7	7.2	3	J
21	511	5.4	69	J	11.0	72	165	-3.2	-4.0	9.5	2	J
22	497	5.4	83	J	11.1	53	131	-4.0	0.1	9.4	4	J
23	476	4.5	89	J	10.8	12	126	-5.5	5.5	5.5	5	J
24	482	4.3	85	J	10.9	7	121	-5.2	6.9	5.4	4	J

FEB. 7, 1990 (038)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	478	3.8	68	J	10.8	-12	119	-4.8	8.6	2.4	4	J
2	464	3.6	73	J	10.5	-14	129	-6.2	7.9	1.4	3	J
3	464	3.4	56	J	10.2	-16	131	-6.1	7.5	0.6	3	J
4	454	3.4	34	J	10.5	2	139	-7.5	5.9	2.9	3	J
5												
6												
7												
8												
9												
10	488	3.8	41	J	10.8	-77	154	-2.2	2.3	-10.2	2	J
11	487	3.8	45	J	10.2	-74	183	-2.8	0.9	-9.6	2	J
12	468	4.3	42	J	10.6	-43	180	-7.1	0.8	-6.6	4	J
13	468	4.1	46	J	10.9	-45	226	-5.1	-4.3	-8.0	3	J
14	431	4.1	74	J	10.6	-23	221	-6.5	-5.0	-4.6	5	J
15	471	4.0	42	J	10.0	-22	250	-2.9	-7.0	-4.9	4	J
16	486	4.3	39	J	9.7	-21	251	-2.9	-7.3	-5.4	2	J
17	480	4.3	30	J	10.0	-31	259	-1.6	-6.3	-7.2	2	J
18	474	4.5	32	J	10.1	-10	254	-2.7	-8.1	-4.8	2	J
19	483	4.8	44	J	10.2	-17	264	-1.0	-7.4	-6.2	3	J
20	473	4.6	41	J	9.8	-20	254	-2.4	-6.1	-6.4	3	J
21	467	4.8	44	J	9.8	-20	250	-2.9	-5.5	-6.4	4	J
22	464	4.8	44	J	9.6	-20	252	-2.8	-5.8	-7.0	2	J
23	473	4.1	43	J	9.7	-4	252	-2.9	-7.3	-5.0	3	J
24	464	4.5	58	J	9.6	-7	246	-3.8	-6.7	-5.2	3	J

FEB. 8, 1990 (039)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	461	4.5	76	J	9.2	-2	239	-4.1	-5.8	-3.6	4	J
2	440	4.3	120	J	8.2	-18	188	-6.1	0.2	-2.2	5	J
3	439	4.4	146	J	8.6	-7	180	-6.5	0.3	-0.7	6	J
4	438	4.2	159	J	7.8	-6	198	-6.4	-1.6	-1.5	4	J
5	447	5.0	167	J	8.1	2	184	-5.1	-0.4	0.0	6	J
6	458	4.8	129	J	8.0	1	213	-6.0	-3.7	-1.0	4	J
7	463	4.8	103	J	8.2	10	220	-5.9	-5.1	0.2	2	J
8												
9												
10												
11												
12												
13	436	4.2	71	J	8.5	13	187	-8.0	-1.2	1.7	2	J
14	426	4.5	75	J	8.7	13	176	-7.9	0.2	1.9	3	J
15	417	4.3	42	J	8.7	-1	158	-7.7	3.1	0.5	2	J
16	418	4.4	58	J	9.0	7	147	-7.2	4.3	2.2	3	J
17	409	3.8	45	J	9.0	1	147	-7.2	4.4	1.5	3	J
18					9.6	17	159	-7.8	1.9	3.4	4	J
19					9.1	9	147	-7.1	3.7	3.1	3	J
20	412	4.1	34	J	9.2	10	144	-7.2	4.0	3.7	2	J
21	410	4.1	28	J	9.1	22	150	-7.2	2.1	4.9	1	J
22	403	4.1	36	J	8.8	16	147	-6.9	2.8	4.3	2	J
23	382	4.2	38	J	8.9	12	156	-7.8	2.1	3.3	2	J
24	386	4.5	32	J	9.0	15	142	-6.5	3.3	4.5	2	J

FEB. 9, 1990 (040)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	377	5.6	30	J	9.7	11	150	-8.1	3.2	3.9	2	J
2					10.0	-5	150	-8.5	4.8	1.6	1	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16	370	7.7	19	J	10.1	-15	114	-3.9	9.1	-0.2	2	J
17	352	7.7	40	J	9.5	26	149	-6.9	2.7	5.0	3	J
18	351	8.0	47	J	8.6	33	173	-6.3	-0.7	4.1	4	J
19	346	7.5	42	J	8.6	24	170	-7.0	-0.1	3.4	3	J
20	364	7.6	28	J	8.5	10	123	-4.2	5.2	4.1	3	J
21	376	8.1	22	J	8.6	-8	101	-1.5	7.6	2.8	3	J
22	349	9.0	41	J	8.2	7	140	-5.4	3.5	3.0	4	J
23	356	9.8	33	J	8.3	4	135	-4.9	4.0	2.9	4	J
24	347	11.1	40	J	8.6	17	213	-6.6	-4.9	-0.1	2	J

FEB. 10, 1990 (041)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	351	11.1	35	J	8.4	1	221	-6.0	-4.6	-2.5	3	J
2	339	10.2	32	J	8.4	10	168	-6.9	0.7	1.8	4	J
3	338	10.4	32	J	8.7	13	182	-7.8	-1.0	1.5	3	J
4	330	10.0	19	J	8.3	-1	190	-7.9	-1.2	-0.7	2	J
5	329	10.1	18	J	8.7	-11	168	-8.2	2.2	-0.9	2	J
6	346	10.5	32	J	8.2	-4	133	-5.1	5.4	1.1	3	J
7	351	11.8	48	J	8.1	-12	153	-6.3	3.5	-0.7	4	J
8	366	12.5	54	J	8.7	-18	134	-5.1	5.6	-1.3	4	J
9	381	11.8	51	J	8.1	5	112	-2.2	5.2	1.3	6	J
10	380	11.9	56	J	8.2	-6	98	-1.1	7.5	0.2	3	J
11												
12												
13												
14	372	11.3	40	J	8.9	-26	189	-7.5	-0.5	-3.8	3	J
15	378	12.2	61	J	7.1	-51	167	-3.6	1.8	-4.3	4	J
16	364	11.6	51	J	7.9	-13	158	-6.5	3.0	-0.9	3	J
17	369	12.4	70	J	7.7	15	156	-6.3	2.1	2.6	3	J
18	370	12.9	77	J	8.5	18	157	-7.2	1.9	3.5	2	J
19	390	13.5	78	J	7.8	-4	117	-3.2	5.9	2.1	3	J
20	394	12.6	59	J	8.3	-19	101	-1.3	7.1	0.9	4	J
21	393	12.0	59	J	8.1	-5	96	-0.6	5.6	2.4	5	J
22	397	11.5	56	J	8.6	20	132	-2.6	1.8	2.7	8	J
23	389	11.0	56	J	8.7	27	165	-7.1	-0.3	4.2	3	J
24	401	11.1	67	J	7.8	-13	115	-2.9	6.2	1.8	3	J

90-02-11 - 90-02-22

FEB. 11, 1990 (042)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	406	11.0	72	J	7.4	-20	101	-1.3	6.8	1.2	2	J
2	407	10.9	62	J	7.6	11	110	-2.2	4.7	4.0	3	J
3	409	11.4	64	J	7.5	-19	93	-0.3	6.3	0.8	4	J
4	396	10.7	70	J	7.1	-29	193	-3.2	0.1	-2.0	6	J
5	404	10.4	67	J	6.6	-33	95	-0.4	5.5	-1.2	4	J
6	388	9.7	100	J	6.0	-11	164	-3.8	1.3	-0.4	4	J
7	405	10.3	65	J	6.7	-15	89	0.1	5.9	-0.1	3	J
8	390	9.8	61	J	6.6	-15	113	-2.0	4.8	-0.4	4	J
9	399	9.7	56	J	6.6	11	97	-0.5	4.1	1.5	5	J
10	415	10.3	70	J	6.4	-33	45	3.4	3.8	-2.6	3	J
11												
12												
13												
14	394	9.5	76	J	7.4	-10	91	-0.1	3.3	0.0	7	J
15	420	10.2	44	J	7.2	-32	37	4.5	4.1	-2.7	2	J
16	403	11.1	65	J	6.1	-14	83	0.4	3.2	0.1	5	J
17	416	11.1	79	J	6.5	-57	333	2.6	0.1	-4.7	4	J
18	423	11.3	59	J	7.4	-31	46	4.0	5.1	-1.7	3	J
19	422	11.0	59	J	6.9	-19	56	3.1	5.0	0.1	3	J
20	383	12.0	101	J	6.3	5	158	-4.1	1.3	1.1	4	J
21	383	11.8	89	J	6.6	25	154	-3.7	0.7	2.5	5	J
22	420	12.5	87	J	6.5	6	36	2.6	1.4	1.2	6	J
23	390	13.2	104	J	6.0	-52	157	-2.0	2.2	-2.0	5	J
24	393	13.3	94	J	6.6	12	141	-3.6	2.0	2.3	5	J

FEB. 12, 1990 (043)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	418	11.8	99	J	6.6	-35	52	2.0	3.3	-0.7	5	J
2	414	11.8	88	J	6.2	-46	301	1.9	-0.9	-4.8	3	J
3	378	13.8	107	J								
4	372	17.4	167	J								
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

FEB. 17, 1990 (048)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24	506	5.8	72	J	8.4	-2	317	5.8	-4.5	-3.1	2	J

FEB. 18, 1990 (049)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	477	5.7	77	J	9.0	-4	333	7.5	-2.9	-2.5	3	J
2	493	5.7	85	J	8.7	-7	340	7.6	-1.9	-2.3	3	J
3	503	4.7	62	J	8.9	1	314	5.8	-5.3	-2.7	3	J
4	509	5.0	70	J	9.3	-7	322	7.0	-4.5	-3.3	2	J
5	506	5.3	88	J	9.0	1	318	6.3	-5.3	-2.0	3	J
6	523	4.2	60	J	9.1	-10	339	7.9	-2.4	-2.4	3	J
7	537	4.0	96	J	9.2	-1	316	5.5	-5.0	-1.6	5	J
8	527	3.6	63	J	8.9	-6	319	5.6	-4.5	-1.8	5	J
9	504	4.0	88	J	9.1	1	332	7.3	-3.9	-0.6	4	J
10	550	3.7	78	J	9.3	22	299	3.6	-7.0	1.9	4	J
11	531	3.4	85	J	9.1	7	312	5.0	-5.7	0.0	5	J
12	548	3.7	80	J	8.8	-15	299	3.4	-5.7	-2.8	5	J
13	514	5.4	128	J	8.9	-7	312	4.9	-5.2	-1.9	5	J
14	521	4.0	96	J	8.8	25	313	4.8	-5.7	2.1	4	J
15					8.7	21	335	6.7	-3.7	2.0	4	J
16	525	4.9	75	J	7.7	26	326	4.3	-3.5	1.6	5	J
17	493	3.7	76	J	7.5	17	358	7.0	-0.9	1.9	1	J
18	507	6.4	65	J	8.7	-32	8	6.8	2.5	-3.6	3	J
19	501	6.3	37	J	8.9	1	347	8.2	-1.8	-0.7	3	J
20	498	6.6	60	J	8.9	18	348	7.2	-2.5	1.4	4	J
21	511	6.9	64	J	9.4	-8	319	5.5	-3.6	-3.3	6	J
22	506	8.4	62	J	9.3	4	303	4.4	-6.1	-3.1	4	J
23	486	9.7	98	J	9.6	34	314	5.3	-7.4	1.4	2	J
24												

FEB. 19, 1990 (050)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3	514	9.7	151	J	7.9	38	272	0.2	-6.5	1.2	5	J
4	512	8.6	168	J	7.8	36	260	-1.0	-6.8	1.4	4	J
5	539	6.7	148	J	9.4	36	263	-0.7	-6.6	1.7	6	J
6	563	4.4	125	J	9.2	7	315	5.8	-5.8	-0.9	4	J
7	552	4.2	99	J	8.7	7	323	6.8	-5.2	-0.4	1	J
8	523	4.3	88	J	8.0	21	313	4.8	-5.6	1.4	3	J
9	486	9.0	110	J	7.3	9	313	3.5	-3.8	0.1	5	J
10	491	11.4	119	J	8.2	-19	316	4.4	-3.8	-2.8	5	J
11	514	12.7	157	J	8.7	38	282	0.8	-4.3	2.4	7	J
12	508	14.5	196	J	9.4	-18	307	3.9	-4.8	-3.0	6	J
13	529	11.3	257	J	8.0	9	298	2.7	-5.1	0.0	6	J
14	563	6.9	307	J	12.3	-60	346	5.5	0.7	-9.9	5	J
15	591	7.4	280	J	10.8	-5	291	3.2	-7.8	-2.8	6	J
16	574	6.7	187	J	9.4	4	339	7.0	-2.7	-0.3	6	J
17	591	5.5	157	J	8.6	-12	326	5.8	-3.2	-2.7	5	J
18												
19												
20												
21												
22												
23												
24												

FEB. 20, 1990 (051)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6	501	6.0	66	J	9.1	-9	359	7.9	0.3	-1.2	4	J
7	535	6.2	72	J	8.9	-44	342	5.2	-0.2	-5.5	5	J
8	546	6.2	114	J	8.3	-10	321	4.9	-3.6	-2.0	5	J
9	602	5.2	151	J	7.5	-13	311	4.2	-4.4	-2.4	4	J
10	609	4.9	155	J	7.5	-15	295	2.7	-5.4	-2.7	3	J
11	607	5.3	155	J	7.6	11	308	3.4	-4.4	0.3	5	J
12	598	5.0	143	J	7.4	23	304	3.2	-5.2	1.6	4	J
13	585	4.8	133	J	7.4	-37	352	4.2	0.0	-3.2	5	J
14					7.2	-35	329	4.8	-2.0	-4.4	2	J
15					13.2	-18	356	7.5	0.1	-2.5	5	J
16	605	8.1	268	J								
17	604	8.4	313	J	8.6	-11	328	4.9	-2.5	-2.1	6	J
18	628	8.8	263	J	8.5	-5	301	3.7	-5.5	-3.0	4	J
19	622	8.8	241	J	9.4	0	298	3.4	-5.7	-2.8	6	J
20	585	7.6	196	J	10.0	-15	311	5.1	-4.2	-4.7	6	J
21	597	7.3	192	J	10.1	-10	298	3.7	-5.2	-4.7	6	J
22	598	8.0	206	J	9.3	12	299	3.9	-6.9	-2.3	4	J
23	603	7.7	165	J	9.6	26	296	3.5	-8.2	-0.6	3	J
24	612	6.9	144	J	9.7	6	281	1.8	-8.3	-4.1	2	J

FEB. 21, 1990 (052)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	596	6.6	104	J	9.6	10	281	1.8	-8.8	-3.5	1	J
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	502	5.0	39	J	6.1	-8	347	5.2	-1.0	-1.0	3	J
15	540	5.2	60	J	5.7	23	297	1.7	-3.7	0.7	4	J
16	527	5.6	50	J	5.8	49	336	2.8	-2.2	3.0	3	J
17	520	5.7	42	J	6.3	47	5	3.6	-1.0	3.7	3	J
18	505	5.6	36	J	6.0	-3	336	4.9	-1.9	-1.1	3	J
19	510	5.9	44	J	6.0	14	331	3.9	-2.4	0.1	4	J
20	528	6.0	58	J	5.7	64	351	1.8	-2.0	3.1	4	J
21	508	5.7	49	J	5.8	-6	2	3.9	0.3	-0.3	4	J
22	530	6.1	80	J	6.3	67	7	1.9	-2.2	3.9	4	J
23	519	5.7	67	J	6.3	51	9	3.0	-1.6	3.4	4	J
24	499	5.1	62	J	5.7	12	344	4.4	-1.6	0.1	3	J

FEB. 22, 1990 (053)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	501	4.9	66	J	5.4	-2	353	4.3	-0.4	-0.4	3	J
2	499	5.1	64	J	6.0	-11	329	4.6	-1.9	-2.3	2	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	466	6.5	43	J	9.0	-17	322	6.5	-4.5	-3.4	3	J
14	464	8.0	69	J	9.3	-14	327	6.9	-3.9	-3.0	4	J
15	468	7.8	53	J	9.5	-17	322	6.5	-4.3	-3.7	4	J
16	414	13.2	436	J	9.6	12	345	8.8	-2.8	1.1	2	J
17	435	12.5	252	J	9.9	-11	334	7.9	-3.0	-2.9	4	J
18	459	9.1	136	J	10.0	13	330	8.0	-5.1	0.1	3	J
19	488	9.1	73	J	10.1	-29	331	7.1	-1.6	-5.8	4	J
20	486	9.9	91	J	9.6	-9	330	5.7	-2.4	-2.5	7	J
21	495	10.1	68	J	10.3	2	331	8.1	-4.0	-2.0	5	J
22	534	10.6	78	J	10.9	24	319	7.4	-7.7	0.3	2	J
23	575	9.6	168	J	9.8	-28	326	6.3	-1.4	-5.7	5	J
24	574	9.4	135	J	10.0	-34	329	5.4	-0.4	-5.3	6	J

90-02-23 - 90-03-07

FEB. 23, 1990 (054)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	574	9.2	146	J	9.6	10	313	4.6	-4.8	-1.6	7	J
2	560	8.9	120	J	9.3	29	350	6.5	-2.9	2.6	5	J
3	565	8.5	129	J	9.1	28	323	5.3	-5.2	1.2	5	J
4	557	8.8	151	J	9.4	32	330	5.7	-4.8	2.3	5	J
5	559	8.2	132	J	8.9	50	356	5.1	-2.7	5.4	4	J
6	565	7.0	103	J	9.5	9	321	6.2	-5.2	-0.5	5	J
7	578	6.6	101	J	10.5	-17	303	5.3	-7.0	-5.2	3	J
8	561	6.8	108	J	10.2	-8	318	7.2	-6.0	-2.9	3	J
9	579	7.1	154	J	9.7	-14	308	4.8	-5.6	-3.2	5	J
10	558	7.3	135	J	9.7	-22	329	7.4	-3.7	-4.2	3	J
11												
12												
13	554	7.2	119	J	9.9	-18	340	7.7	-2.2	-3.1	5	J
14	574	7.6	142	J	10.0	-36	315	5.3	-3.9	-6.4	4	J
15												
16												
17												
18	611	4.4	91	J	10.6	0	326	7.8	-4.8	-2.1	5	J
19	607	4.6	111	J	10.3	14	323	7.1	-5.8	-0.4	5	J
20	610	4.5	137	J	9.9	10	323	6.4	-4.9	-1.1	5	J
21	587	4.7	119	J	9.7	-5	340	8.1	-2.1	-2.1	4	J
22	574	4.9	135	J	9.6	-28	340	7.1	0.0	-4.7	4	J
23	611	4.8	119	J	9.5	-40	327	5.7	0.0	-6.7	4	J
24	575	5.1	144	J	9.3	-2	325	6.3	-3.5	-2.6	5	J

FEB. 24, 1990 (055)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	580	4.9	118	J	8.9	-14	326	6.5	-2.7	-4.0	4	J
2	602	4.6	109	J	8.7	-24	303	3.6	-3.3	-5.4	5	J
3	560	5.1	108	J	9.0	-27	351	6.4	0.7	-3.4	5	J
4	556	4.5	58	J	8.6	-12	339	7.3	-1.8	-2.7	3	J
5	560	4.8	82	J	8.6	-7	323	6.6	-4.2	-2.9	2	J
6	553	4.5	56	J	8.1	-12	355	7.2	-0.1	-1.7	3	J
7	547	5.0	74	J	8.0	-9	358	7.2	0.1	-1.2	3	J
8	565	4.9	82	J	8.2	13	318	5.4	-5.1	0.4	4	J
9	544	5.2	64	J	8.9	-15	357	8.0	0.0	-2.2	3	J
10	542	5.3	85	J	8.2	-3	330	6.6	-3.7	-1.1	3	J
11	554	5.3	79	J	8.0	25	320	4.9	-4.5	2.2	4	J
12	553	5.2	77	J	8.2	24	306	4.3	-6.4	2.1	2	J
13	568	5.8	83	J	8.2	-4	278	1.0	-7.2	-2.0	3	J
14	538	6.2	120	J	8.0	-11	325	5.1	-3.2	-2.0	5	J
15	522	7.1	134	J	8.2	-25	327	5.5	-2.6	-3.9	4	J
16	525	6.5	66	J	8.4	-8	314	5.1	-4.7	-2.6	4	J
17	536	7.1	104	J	8.4	-26	305	3.6	-3.7	-4.6	5	J
18	539	7.4	144	J	8.1	-22	297	2.7	-3.9	-4.3	5	J
19	526	7.2	111	J	8.4	-37	312	3.7	-1.8	-5.5	5	J
20	521	6.9	102	J	8.7	-39	322	4.6	-0.8	-5.9	4	J
21	531	7.9	168	J	8.5	-15	322	5.4	-2.7	-3.8	5	J
22	574	7.6	120	J	8.5	42	294	1.8	-5.5	1.2	6	J
23	530	7.8	141	J	8.3	-33	320	4.9	-1.2	-5.7	3	J
24	546	6.8	103	J	7.6	3	309	4.2	-4.5	-2.6	4	J

MAR. 2, 1990 (061)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6	546	5.9	85	J	4.8	-71	112	-0.4	2.2	-2.8	3	J
7	541	5.9	103	J	4.2	29	64	1.2	1.8	2.1	3	J
8	522	6.3	131	J	4.6	41	355	2.7	-0.8	2.2	3	J
9	532	6.1	77	J	4.7	-56	290	0.7	-1.2	-3.4	3	J
10	535	6.0	83	J	4.8	-37	271	0.1	-2.6	-3.0	3	J
11	524	5.3	52	J	5.4	4	275	0.4	-4.9	-0.6	2	J
12	522	6.2	65	J	5.0	38	287	0.8	-3.1	1.6	3	J
13	512	5.9	55	J	4.4	8	298	1.7	-3.3	-0.2	2	J
14	506	5.7	52	J	4.9	16	295	1.6	-3.6	0.2	3	J
15	482	5.4	70	J	5.3	-10	317	3.0	-2.5	-1.4	3	J
16	481	5.7	68	J	5.1	-38	354	3.9	0.6	-3.0	1	J
17												
18												
19												
20												
21	485	6.5	52	J	5.2	14	266	-0.3	-3.9	-1.3	3	J
22	482	6.6	53	J	5.2	21	271	0.1	-3.8	-0.8	3	J
23	466	6.5	49	J	5.1	30	293	1.1	-3.0	-0.1	4	J
24	452	6.8	59	J	5.6	39	357	3.9	-1.9	2.5	2	J

MAR. 3, 1990 (062)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	449	6.3	62	J	5.5	30	357	4.2	-1.5	1.9	3	J
2	467	7.3	54	J	5.4	29	292	1.2	-3.6	0.0	4	J
3	460	6.8	64	J	5.3	15	15	4.2	0.4	1.6	3	J
4	454	7.2	79	J	5.7	29	330	4.1	-3.3	1.3	2	J
5	470	9.7	93	J	4.3	39	8	2.2	-0.4	1.7	3	J
6	474	11.3	92	J	3.9	27	322	2.1	-2.0	0.7	2	J
7	458	9.6	94	J	5.0	7	319	3.3	-2.9	-0.4	2	J
8	450	9.0	93	J	5.5	-4	349	5.4	-0.9	-0.6	1	J
9	449	9.6	113	J	5.7	16	337	4.8	-2.3	1.0	2	J
10	441	10.7	127	J	6.5	15	326	4.6	-3.4	0.8	3	J
11	453	11.3	71	J	6.0	56	28	2.6	0.5	4.6	3	J
12	454	15.2	86	J	4.0	26	14	2.9	0.4	1.6	2	J
13	449	12.5	97	J	5.3	6	19	3.9	1.2	0.7	3	J
14	446	10.5	87	J	5.8	-1	40	3.9	3.2	0.7	3	J
15	453	11.3	111	J	4.4	-6	49	2.7	3.1	0.4	2	J
16	443	11.9	100	J	4.8	-37	17	2.9	1.6	-1.9	3	J
17												
18	430	9.0	37	J	5.5	-52	49	2.1	4.0	-2.8	2	J
19	429	13.7	54	J	3.9	-47	19	2.4	2.0	-2.0	1	J
20	455	11.6	74	J	2.9	-16	136	-1.5	1.6	0.2	2	J
21	465	11.1	51	J	3.6	-6	145	-2.4	1.6	0.6	2	J
22	417	4.2	52	J	5.9	0	156	-5.2	1.9	1.3	1	J
23	408	3.3	65	J	7.5	10	158	-6.7	1.5	2.6	2	J
24	418	2.6	75	J	8.1	15	160	-7.3	1.0	3.2	1	J

MAR. 4, 1990 (063)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	403	3.7	50	J	7.6	28	171	-6.4	-1.0	3.4	2	J
2	408	3.5	54	J	7.3	35	179	-6.0	-2.1	3.6	1	J
3												
4					7.1	6	167	-6.8	1.1	1.4	1	J
5	390	4.1	69	J	7.1	-8	166	-6.6	1.9	-0.2	2	J
6	395	3.7	52	J	7.2	-5	164	-6.5	2.0	0.1	2	J
7	399	3.8	53	J	6.8	-8	179	-6.5	0.4	-0.8	2	J
8	420	4.7	45	J	7.0	-20	124	-3.3	5.2	-0.8	3	J
9	416	5.2	57	J	7.4	-32	143	-4.4	4.0	-2.6	4	J
10	403	4.0	67	J	7.5	-35	168	-5.6	2.0	-3.7	3	J
11	388	4.9	48	J	7.6	23	167	-6.6	0.9	3.1	2	J
12	382	5.5	74	J	7.6	14	165	-7.0	1.5	2.2	2	J
13	402	6.4	36	J	7.4	33	140	-4.1	2.6	4.1	4	J
14	394	7.5	29	J	7.3	31	159	-5.7	1.2	4.1	2	J
15	394	6.4	23	J	7.8	25	127	-3.9	4.1	4.3	3	J
16	383	7.0	34	J	7.7	4	133	-5.0	4.9	2.2	2	J
17	387	7.1	26	J	7.8	9	134	-5.1	4.5	3.1	2	J
18	390	7.0	15	J	9.5	-9	145	-7.6	5.5	0.9	2	J
19	385	7.6	24	J	9.5	-23	152	-7.6	5.3	-1.4	2	J
20	380	8.5	50	J	9.4	-19	167	-8.7	3.3	-1.6	1	J
21	379	8.5	27	J	9.9	-20	176	-8.9	2.3	-2.4	3	J
22	378	9.6	29	J	9.8	-35	188	-7.7	2.1	-5.1	3	J
23	363	9.7	26	J	9.6	-14	207	-8.2	-2.2	-4.3	1	J
24	385	9.0	30	J	9.5	-13	218	-7.2	-3.5	-4.9	1	J

MAR. 5, 1990 (064)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	385	6.6	48	J	9.6	-26	192	-7.8	0.8	-4.2	3	J
2	413	8.4	115	J	7.6	-23	175	-5.3	1.6	-1.7	5	J
3	403	8.0	121	J	7.0	-5	168	-6.1	1.4	0.2	3	J
4	397	8.3	143	J	7.4	-5	189	-6.7	-0.7	-1.0	3	J
5	416	8.1	138	J	7.3	-38	157	-4.4	3.2	-2.6	4	J
6	423	9.2	164	J	7.7	25	132	-3.8	3.0	4.0	4	J
7	419	8.5	130	J	8.0	9	122	-3.7	5.3	2.9	4	J
8	417	6.8	133	J	7.6	-11	133	-4.8	5.3	0.0	3	J
9	412	6.6	78	J	7.9	-1	134	-5.2	5.3	1.1	3	J
10												
11												
12					9.6	54	153	-4.5	0.9	7.3	4	J
13	375	13.0	39	J	10.2	22	132	-6.0	5.7	4.9	4	J
14	380	11.4	22	J	10.6	-1	120	-5.2	8.9	2.0	2	J
15	381	10.7	20	J	11.0	0	123	-5.8	8.6	2.5	2	J
16	385	13.0	98	J	11.1	-8	129	-6.7	8.4	1.3	3	J
17	382	10.7	63	J	10.5	4	133	-6.9	6.6	3.4	3	J
18	404	13.5	145	J	9.5	0	145	-6.6	4.2	1.9	5	J
19	425	15.5	129	J	8.1	52	114	-1.9	1.0	7.4	2	J
20	422	15.5	189	J	6.5	20	134	-3.4	2.1	3.3	4	J
21	426	14.8	187	J	5.1	22	247	-0.9	-2.3	-0.3	5	J
22	447	12.8	160	J	5.1	-24	298	2.0	-2.1	-3.7	2	J
23	433	10.9	143	J	6.3	-60	275	0.2	0.3	-4.6	4	J
24	431	9.6	111	J	8.5	-73	135	-0.8	2.9	-2.8	8	J

MAR. 6, 1990 (065)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	416	5.8	122	J	9.8	-59	160	-4.3	5.5	-5.5	4	J
2	446	5.8	141	J	10.1	-62	151	-4.0	6.5	-6.2	3	J
3	451	5.9	171	J	9.2	-61	128	-2.3	5.8	-4.3	5	J
4	454	7.0	208	J	8.1	-57	120	-1.9	5.5	-3.7	4	J
5	459	6.6	155	J	8.5	-30	132	-4.1	5.5	-1.4	5	J
6	458	6.6	116	J	9.1	-23	138	-5.9	6.1	-1.3	3	J
7	463	6.8	88	J	9.2	-3	147	-7.5	4.7	1.0	2	J
8	468	6.5	100	J	9.2	-13	143	-6.8	5.4	-0.5	3	J
9	493	6.4	109	J	8.9	-16	128	-4.8	6.5	-0.8	4	J
10												
11												
12												
13												
14												
15	460	8.8	167	J	7.7	-82	209	-0.8	1.5	-6.7	4	J
16	434	7.9	178	J	7.8	-13	134	-4.5	4.9	0.1	4	J
17	462	8.2	134	J	7.6	-43	99	-0.6	5.0	-2.0	5	J
18	434	7.9	178	J	7.6	-6	136	-4.5	4.2	1.2	4	J
19	429	8.3	198	J	8.0	-1	154	-5.6	2.5	1.2	5	J
20	432	8.3	159	J	9.0	-5	129	-5.5	6.2	2.7	2	J
21	416	8.5	115	J	8.7	8	155	-7.4	2.3	2.8	3	J
22	446	9.1	161	J	8.9	21	128	-4.4	3.2	5.4	4	J
23												
24	424	7.8	137	J	9.1	9	146	-7.1	3.2	3.8	3	J

MAR. 7, 1990 (066)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	433	7.4	121	J	9.2	-17	140	-6.3	5.8	0.8	3	J
2	436	7.5	119	J	9.4	-5	138	-5.9	4.9	2.2	5	J
3	464	7.7	100	J	9.6	-25	100	-1.4	9.0	0.7	3	J
4	424	7.7	94	J	9.3	-21	137	-5.5	5.9	-0.2	4	J
5	402	6.9	69	J	8.8	-9	178	-7.7	0.7	-1.0	4	J
6	407	8.0	95	J	9.1	9	193	-8.5	-2.3	0.6	3	J
7	413	8.1	116	J	9.0	0	140	-6.2	5.0	1.6	4	J
8	396	7.7	89	J	8.7	-8	177	-7.9	0.7	-1.0	4	J
9	394	8.3	86	J	9.1	12	176	-8.4	0.2	1.9	3	J
10	395	8.3	71	J	8.7	-3	157	-7.8	3.3	0.3	2	J
11												
12												
13												
14												
15												
16	404	7.5	38	J	10.5	8	134	-6.9	6.3	3.6	3	J
17	399	7.9	39	J	10.5	16	145	-7.9	4.1	4.6	3	J
18	402	8.0	46	J	9.9	27	164	-6.3	0.2	3.8	7	J
19	392	7.4	70	J	8.7	-3	133	-5.3	5.2	2.3	4	J
20	389	7.9	66	J	8.6	-7	119	-3.7	6.2	2.6	4	J
21	387	8.7	59	J	8.8	-1	129	-5.2	5.5	3.3	3	J
22	404	8.8	37	J	9.2	3	95	-0.7	6.0	4.5	5	J
23	383	8.7	36	J	9.6	-17	120	-4.3	7.6	2.0	3	J
24	411	8.0	19	J	9.9	-39	80	1.3	9.5	-0.8	3	J

90-03-08 - 90-03-19

MAR. 8, 1990 (067)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	396	9.2	30	J	9.3	-23	101	-1.5	8.2	1.5	4	J
2	385	11.3	42	J	9.1	24	130	-4.2	2.7	5.2	6	J
3	395	11.1	33	J	9.4	-31	102	-1.6	8.8	-0.3	3	J
4	377	11.0	33	J	9.1	8	135	-4.9	3.9	3.1	6	J
5	372	10.6	35	J	8.6	11	133	-5.4	4.7	3.8	3	J
6	364	11.2	45	J	8.6	7	147	-6.5	3.6	2.4	3	J
7	396	11.3	34	J	8.7	5	94	-0.5	6.8	2.9	5	J
8	374	11.5	45	J	8.8	16	136	-4.8	4.0	3.1	5	J
9	377	12.1	32	J	9.2	1	118	-3.9	7.1	1.9	4	J
10	385	10.4	18	J	10.8	-37	87	0.4	9.5	-4.4	2	J
11												
12	380	11.1	20	J	11.7	12	104	-2.6	9.8	4.4	3	J
13	377	10.7	27	J	10.8	30	127	-5.3	5.7	6.5	4	J
14	400	10.2	126	J	7.6	-26	107	-1.4	5.0	-1.1	5	J
15	407	9.6	110	J	8.0	-38	116	-2.3	5.7	-2.6	4	J
16	409	8.4	79	J	9.2	-15	110	-2.8	8.1	0.5	3	J
17	419	7.9	62	J	8.9	-9	96	-0.9	8.1	1.9	3	J
18	397	7.9	62	J	8.7	-2	133	-5.4	5.3	2.2	4	J
19	409	7.3	53	J	8.8	3	145	-5.2	3.1	2.0	6	J
20	422	7.8	76	J	8.7	21	156	-5.6	1.0	3.3	6	J
21	447	8.2	107	J	8.8	-13	104	-1.8	6.9	2.4	4	J
22	453	8.5	105	J	8.6	10	117	-2.5	3.5	3.5	7	J
23	427	9.1	122	J	8.9	30	217	-5.4	-5.6	0.9	4	J
24												

MAR. 9, 1990 (068)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					8.0	12	202	-7.2	-3.3	-0.2	1	J
2	409	8.9	80	J	8.5	4	158	-6.4	1.9	1.8	5	J
3	407	8.3	77	J	8.2	-10	151	-6.5	3.8	0.6	3	J
4	424	8.5	80	J	8.7	-12	120	-3.8	6.6	1.6	4	J
5	422	8.1	72	J	8.8	-18	118	-3.7	7.4	0.5	3	J
6	434	9.5	115	J	7.9	35	130	-3.2	2.3	4.6	5	J
7	433	9.5	110	J	8.2	0	111	-2.6	6.5	2.1	4	J
8	421	9.1	102	J	8.3	34	142	-4.4	2.3	4.5	5	J
9	414	9.0	109	J	8.2	-1	128	-4.2	5.2	1.1	4	J
10	431	8.4	94	J	8.4	-22	107	-2.0	7.1	-1.3	4	J
11	406	8.1	87	J	8.4	4	145	-5.6	3.7	1.3	5	J
12	433	6.5	98	J	8.8	0	129	-4.4	5.3	1.1	5	J
13	430	5.7	86	J	9.5	-2	124	-5.1	7.5	1.4	2	J
14	443	5.5	87	J	9.6	4	123	-4.7	6.8	2.4	4	J
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

MAR. 14, 1990 (073)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	457	25.8	22	J	3.4	53	205	-0.8	-0.7	1.1	3	J
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

MAR. 15, 1990 (074)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	457	16.3	21	J	1.6	12	224	-0.8	-0.7	-0.2	1	J
2	455	16.7	22	J	1.6	-18	172	-0.8	0.2	-0.2	2	J
3	448	15.7	25	J	3.9	-11	178	-3.7	0.5	-0.6	1	J
4	441	15.7	35	J	2.8	-4	201	-2.0	-0.6	-0.5	2	J
5	435	16.5	34	J	3.6	21	323	2.3	-2.0	0.3	2	J
6	418	14.2	28	J	4.1	-15	319	2.8	-1.9	-1.8	1	J
7	406	13.8	22	J	5.2	-4	330	4.3	-2.3	-1.1	1	J
8	404	15.8	17	J	4.6	-7	337	4.1	-1.5	-1.0	1	J
9	403	16.4	14	J	3.9	-16	317	2.6	-2.1	-1.6	1	J
10	404	18.1	13	J	2.8	-35	278	0.3	-1.6	-1.8	2	J
11					2.5	-20	238	-1.1	-1.6	-1.1	1	J
12	398	17.3	17	J	3.1	-17	258	-0.6	-2.6	-1.4	1	J
13					5.2	2	293	1.9	-4.3	-0.8	2	J
14	374	11.7	24	J	5.2	-1	305	2.7	-3.7	-1.1	2	J
15	365	12.2	37	J	5.4	-8	300	2.4	-3.8	-1.9	2	J
16												
17												
18												
19												
20												
21												
22												
23												
24												

MAR. 16, 1990 (075)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3	350	10.5	21	J	5.9	7	302	2.9	-4.4	-1.8	2	J
4	337	11.3	26	J	5.9	-1	305	3.3	-4.1	-2.2	2	J
5	343	12.0	27	J	6.0	-18	305	2.9	-3.1	-3.3	3	J
6	354	14.0	22	J	5.9	-35	301	1.9	-2.0	-3.6	4	J
7	377	15.8	15	J	5.5	-9	241	-2.4	-3.9	-2.1	2	J
8					5.5	-16	225	-3.7	-3.2	-2.5	1	J
9					5.0	-15	227	-3.2	-3.0	-2.0	2	J
10					5.2	-5	222	-3.6	-3.1	-1.1	2	J
11					4.9	13	218	-3.6	-3.0	0.4	2	J
12	366	16.3	8	J	5.6	22	210	-4.3	-2.8	1.4	2	J
13	365	15.7	13	J	6.0	20	219	-3.9	-3.5	1.1	3	J
14					5.9	26	227	-3.4	-4.1	1.4	2	J
15	361	16.6	15	J	5.2	17	238	-2.4	-4.1	0.2	2	J
16	357	17.1	10	J	5.0	28	241	-2.1	-4.2	0.9	1	J
17												
18	343	19.0	13	J	4.2	28	284	0.9	-4.1	0.2	1	J
19	338	18.9	14	J	4.7	19	312	2.6	-3.2	-0.2	2	J
20	337	19.9	13	J	5.1	-6	303	2.6	-3.2	-2.5	2	J
21	334	18.0	17	J	5.3	-6	315	3.5	-2.7	-2.3	2	J
22	338	18.2	23	J	4.7	-7	303	2.4	-2.7	-2.5	2	J
23	330	20.3	8	J	3.4	-4	315	2.0	-1.6	-1.3	2	J
24	328	21.4	9	J	3.2	-5	318	2.1	-1.4	-1.3	2	J

MAR. 17, 1990 (076)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	327	24.1	10	J	2.9	1	316	1.9	-1.6	-1.0	1	J
2	321	23.3	10	J	3.9	-3	325	2.9	-1.6	-1.2	2	J
3	320	20.9	7	J	4.3	9	330	3.4	-2.0	-0.4	1	J
4	319	18.7	7	J	4.3	-6	324	3.1	-1.8	-1.4	2	J
5					4.2	0	336	3.3	-1.3	-0.6	2	J
6												
7					5.9	21	334	5.0	-3.0	1.2	1	J
8	319	22.7	7	J	5.7	31	347	4.7	-1.8	2.5	1	J
9	325	17.6	13	J	6.3	32	341	5.1	-2.5	2.8	1	J
10												
11					6.2	22	29	5.0	2.2	2.9	1	J
12	319	22.4	14	J	5.3	17	35	4.2	2.5	2.1	1	J
13	327	22.8	12	J	3.8	6	82	0.4	2.9	1.0	2	J
14	322	22.9	12	J	3.5	0	121	-1.8	2.8	0.7	1	J
15	319	23.5	12	J	2.4	4	136	-1.6	1.4	0.6	1	J
16	322	22.9	13	J	2.3	30	38	1.4	0.7	1.4	1	J
17	322	22.5	12	J	3.2	19	58	1.6	2.0	1.9	1	J
18					4.3	20	63	1.8	2.6	2.8	1	J
19	321	27.1	12	J	4.9	38	85	0.3	1.9	4.3	1	J
20	321	31.2	12	J	5.5	38	74	1.2	1.8	4.9	2	J
21	323	32.8	12	J	7.2	53	71	1.4	0.3	7.0	1	J
22	322	35.4	14	J	8.3	45	66	2.4	1.1	7.9	1	J
23	320	37.3	16	J	7.4	44	61	2.5	0.8	6.6	2	J
24	318	42.3	16	J	5.3	34	16	3.9	-0.6	2.9	2	J

MAR. 18, 1990 (077)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	316	40.8	12	J	7.2	19	338	6.2	-3.4	0.5	1	J
2	314	41.7	9	J	7.4	21	336	6.3	-3.8	0.7	1	J
3	309	40.0	8	J	8.3	23	342	7.2	-3.6	1.6	1	J
4	311	39.7	14	J	6.7	31	20	4.8	0.1	3.5	4	J
5												
6												
7												
8												
9												
10												
11												
12												
13					13.8	-33	117	-4.3	9.5	-4.0	9	J
14	388	60.3	117	J	19.4	-29	268	-0.3	-6.6	-6.4	18	J
15	392	46.5	152	J	20.6	-2	279	2.4	-14.6	-5.0	14	J
16	409	32.2	302	J	17.8	25	288	1.6	-5.4	0.6	17	J
17	419	16.1	186	J	25.1	29	310	13.3	-19.0	4.5	10	J
18	468	25.0	497	J	19.9	30	318	12.5	-14.3	3.9	4	J
19	489	23.0	357	J	19.0	8	316	13.0	-12.2	-3.7	5	J
20	487	19.9	405	J	18.2	3	305	9.6	-12.2	-6.3	7	J
21	501	14.6	387	J	19.1	-8	275	1.5	-12.9	-11.2	8	J
22	494	13.0	392	J	17.2	-5	277	1.9	-12.3	-10.1	6	J
23	491	15.3	258	J	13.8	33	315	7.5	-10.1	1.4	5	J
24	485	11.8	158	J	12.5	33	311	6.7	-10.0	1.1	3	J

MAR. 19, 1990 (078)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	479	12.2	130	J	9.9	-22	310	4.5	-2.9	-5.4	6	J
2	465	16.3	139	J	11.4	-26	343	9.2	0.1	-5.5	4	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	380	15.8	47	J	7.3	17	308	4.1	-5.6	0.4	2	J
16	374	14.7	29	J	7.9	47	338	4.5	-3.5	4.3	4	J
17	388	14.8	20	J	8.2	68	276	0.3	-5.2	5.3	4	J
18	377	14.5	22	J	7.6	49	319	3.3	-4.8	3.3	4	J
19	368	14.4	23	J	7.5	45	353	4.8	-2.8	3.9	3	J
20	365	13.1	35	J	6.8	36	343	4.8	-3.1	2.4	3	J
21	354	13.5	88	J	6.6	0	359	6.3	-0.1	-0.1	2	J
22	361	13.7	50	J	6.0	31	18	4.5	-0.4	3.2	3	J
23	364	16.2	37	J	7.0	21	330	4.8	-3.5	0.2	4	J
24	379	20.4	43	J	7.6	-2	300	3.1	-4.4	-3.3	4	J

MAR. 20, 1990 (079)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	386	21.9	42	J	8.4	46	306	2.6	-5.5	1.8	5	J
2	394	21.0	29	J	9.0	32	266	-0.5	-8.3	0.0	3	J
3	383	18.7	23	J	9.2	33	283	1.3	-6.8	0.4	6	J
4	380	18.3	17	J	9.3	49	300	3.0	-7.7	3.7	2	J
5	376	18.2	17	J	8.6	31	300	3.5	-7.2	1.3	3	J
6	371	17.0	19	J	8.1	23	308	4.4	-6.3	0.8	3	J
7	370	17.0	17	J	8.1	30	316	5.0	-5.9	2.3	0	J
8												
9												
10												
11	356	25.6	73	J	10.4	5	353	9.7	-1.3	0.6	3	J
12	359	24.5	71	J	9.9	-16	5	9.1	1.3	-2.4	3	J
13	359	23.2	60	J	10.0	-22	357	7.9	0.3	-3.2	5	J
14	380	17.0	34	J	11.4	-12	317	7.9	-6.5	-4.1	3	J
15	386	13.7	28	J	12.6	-15	318	8.8	-6.7	-5.4	2	J
16	377	13.7	26	J	11.9	-5	315	8.1	-7.3	-3.7	3	J
17					10.7	7	295	4.2	-8.9	-2.4	3	J
18	390	12.1	43	J	11.1	-3	318	8.2	-6.4	-3.7	1	J
19	393	12.1	38	J	11.0	-5	317	7.9	-6.0	-4.3	2	J
20	401	13.2	77	J	9.6	-2	318	5.6	-4.2	-2.8	6	J
21	446	11.3	134	J	9.2	-27	3	5.7	1.8	-2.3	7	J
22	472	10.4	171	J	6.7	66	85	0.1	-0.4	2.1	7	J
23	489	11.2	185	J	9.8	33	342	4.4	-2.9	1.6	9	J
24	583	26.7	608	J	17.7	-44	322	8.6	0.5	-12.5	9	J

MAR. 21, 1990 (080)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	587	23.7	700	J	12.9	-10	336	10.3	-2.7	-4.2	6	J
2	515	19.8	503	J	12.0	-11	329	8.2	-3.2	-4.2	8	J
3					7.1	46	57	2.6	1.0	6.4	1	J
4												
5												
6												
7												
8												
9												
10												
11												
12	623	6.3	191	J	17.8	50	224	-8.1	-10.5	11.5	3	J
13	593	8.4	203	J	16.2	40	237	-6.7	-12.3	7.7	3	J
14	602	10.2	255	J	13.2	-53	340	1.6	0.0	-2.3	13	J
15	594	9.6	159	J	13.2	-52	37	6.1	7.3	-8.1	5	J
16	583	9.3	250	J	10.7	9	304	5.1	-7.7	-1.2	6	J
17	594	9.0	217	J	13.2	20	279	1.9	-12.6	-0.5	3	J
18	588	6.2	264	J	12.8	9	275	1.0	-11.6	-3.4	5	J
19	591	3.9	303	J								
20												
21	569	4.2	267	J	12.0	8	289	3.6	-9.6	-4.4	5	J
22												
23												
24												

MAR. 28, 1990 (087)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10					6.8	-4	318	4.1	-3.5	-1.2	3	J
11					5.9	-12	332	3.7	-1.8	-1.3	4	J
12					6.4	0	316	4.2	-4.0	-0.8	2	J
13					6.0	9	319	4.0	-3.5	0.0	3	J
14												
15					6.3	-7	351	5.7	-0.7	-0.9	2	J
16					6.3	-17	305	2.8	-3.3	-2.7	4	J
17					6.2	9	243	-2.6	-5.2	-1.1	2	J
18												
19												
20												
21												
22												
23					6.5	12	281	1.2	-5.6	-2.3	2	J
24					6.4	-14	283	1.4	-4.1	-4.6	1	J

MAR. 29, 1990 (088)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4	533	2.1	74	J	5.7	27	287	1.5	-5.5	0.1	1	J
5	526	2.3	57	J	5.7	26	292	1.8	-5.1	0.3	2	J
6	507	2.5	60	J	5.1	24	286	1.2	-4.6	0.3	2	J
7	497	2.9	31	J	4.8	34	297	1.7	-4.0	1.4	1	J
8	496	3.3	30	J	4.8	48	290	1.1	-3.8	2.6	1	J
9	497	3.7	39	J	4.1	17	272	0.1	-4.0	0.2	1	J
10	487	4.2	37	J	4.6	23	278	0.6	-4.2	0.8	2	J
11	488	3.7	19	J	5.7	-35	265	-0.3	-2.9	-3.1	4	J
12	481	3.4	13	J	6.5	-45	277	0.5	-3.4	-5.3	1	J
13					6.7	-47	284	1.1	-3.2	-5.7	1	J
14					6.6	-49	284	1.0	-2.7	-5.7	1	J
15					6.6	-53	273	0.2	-2.3	-6.1	1	J
16					6.6	-40	303	2.8	-2.6	-5.4	0	J
17												
18												
19												
20												
21												
22	397	3.7	14	J	6.5	-43	319	3.5	-0.1	-5.3	1	J
23	385	4.0	21	J	6.6	-28	319	4.2	-1.3	-4.5	2	J
24					6.5	-19	304	3.3	-2.9	-4.5	2	J

MAR. 30, 1990 (089)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	388	4.2	21	J	6.5	-19	302	3.1	-3.0	-4.4	2	J
2	383	4.6	30	J	6.5	-20	299	2.8	-3.2	-4.5	2	J
3	401	4.9	18	J	6.4	-42	278	0.6	-1.7	-5.1	3	J
4	383	4.6	24	J	6.5	-66	337	2.2	1.6	-5.2	3	J
5	375	4.3	23	J	6.2	-54	352	3.4	1.5	-4.5	2	J
6	386	4.7	20	J	6.2	-58	290	1.0	-0.9	-5.5	2	J
7												
8												
9												
10												
11												
12	573	17.7	745	J	16.4	12	262	-2.1	-15.2	0.1	6	J
13	562	16.2	873	J	16.7	23	261	-2.0	-13.8	2.6	9	J
14	526	18.6	486	J	18.4	19	259	-3.2	-17.3	1.5	6	J
15	556	18.9	548	J	15.3	18	264	-1.1	-10.9	0.3	11	J
16	563	18.8	354	J	17.9	59	247	-3.0	-10.8	9.6	10	J
17	562	16.5	261	J	16.8	35	38	8.5	3.2	9.5	11	J
18	599	15.0	157	J	15.3	50	44	6.5	1.0	12.5	6	J
19	611	17.4	168	J	12.1	52	17	6.7	-2.5	8.9	4	J
20	602	12.2	118	J	12.8	41	53	5.8	2.3	11.1	2	J
21	612	10.2	68	J	10.6	49	63	3.1	0.9	10.0	2	J
22	605	7.9	59	J	9.1	48	39	4.6	-0.6	7.6	2	J
23	590	7.1	83	J	8.4	39	25	5.4	-0.7	5.4	3	J
24	616	5.4	48	J	8.7	77	322	1.5	-5.6	6.2	2	J

MAR. 31, 1990 (090)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	600	6.1	49	J	7.9	58	296	1.8	-6.6	3.5	2	J
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	547	3.9	41	J	6.2	12	264	-0.5	-5.1	-0.2	4	J
15	537	2.8	13	J	6.6	49	2	4.1	-1.2	4.6	2	J
16	458	4.2	113	J	6.4	53	15	3.6	-0.7	5.0	2	J
17	531	2.0	28	J	5.7	47	1	3.6	-1.4	3.6	2	J
18	505	2.5	30	J	5.4	30	3	4.6	-0.9	2.5	1	J
19					5.5	23	11	4.9	-0.2	2.3	1	J
20	490	2.6	16	J	5.3	15	345	4.5	-1.7	0.5	2	J
21	493	3.3	19	J	5.7	0	329	4.8	-2.4	-1.6	1	J
22	486	3.1	32	J	5.4	2	329	4.5	-2.3	-1.3	2	J
23	482	2.2	21	J	4.9	19	321	3.5	-3.2	-0.3	1	J
24	471	3.1	38	J	4.7	14	315	3.0	-3.1	-0.8	2	J

APR. 1, 1990 (091)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	472	2.4	35	J	4.6	10	309	2.8	-3.3	-1.2	1	J
2	476	2.3	31	J	4.7	14	308	2.7	-3.6	-0.9	1	J
3												
4												
5												
6												
7												
8												
9												
10					5.9	31	324	4.0	-3.5	2.3	1	J
11	441	3.1	12	J	5.8	20	323	4.4	-3.8	1.3	1	J
12	438	2.9	14	J	5.7	2	331	4.8	-2.6	-0.3	1	J
13					5.9	-3	329	4.9	-2.8	-0.9	1	J
14	434	3.1	22	J	6.0	5	333	5.2	-2.7	-0.2	1	J
15	433	3.5	34	J	6.5	9	349	6.2	-1.4	0.6	2	J
16	431	3.3	32	J	6.4	17	348	5.9	-1.8	1.3	2	J
17	426	3.2	37	J	6.5	17	354	6.0	-1.3	1.5	2	J
18	438	3.7	21	J	6.5	6	316	4.6	-4.3	-1.3	1	J
19	435	4.1	40	J	6.4	7	318	4.6	-4.0	-1.3	1	J
20	416	5.2	117	J	6.5	-4	333	5.4	-2.2	-1.8	2	J
21	420	6.5	79	J	5.8	-1	352	5.4	-0.6	-0.5	2	J
22	402	7.0	129	J	5.9	8	346	5.6	-1.6	-0.1	1	J
23	442	11.0	94	J	4.8	2	343	4.6	-1.3	-0.7	1	J
24	438	10.4	42	J	4.9	6	348	4.7	-1.1	-0.1	1	J

APR. 2, 1990 (092)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6	402	12.8	24	J	7.0	21	342	6.1	-2.7	1.6	2	J
7	409	19.5	15	J	4.4	16	16	3.5	0.6	1.3	3	J
8	396	17.2	22	J	4.5	20	0	4.1	-0.4	1.5	1	J
9	400	17.4	28	J	4.2	9	335	3.6	-1.8	0.2	1	J
10												
11	400	17.5	21	J	4.1	31	108	-0.5	1.2	1.1	4	J
12	396	19.8	28	J	3.5	-6	323	1.9	-1.4	-0.5	3	J
13	394	17.6	26	J	4.6	-23	311	2.2	-2.1	-1.9	3	J
14	398	22.2	21	J	5.0	-29	264	-0.3	-2.5	-2.4	4	J
15	397	26.0	16	J	4.9	-43	179	-3.2	0.9	-2.9	2	J
16	386	26.7	17	J	2.8	-14	124	-1.0	1.5	0.1	2	J
17	398	19.5	20	J	4.9	-4	146	-3.6	2.4	0.6	3	J
18	404	13.8	19	J	6.2	-4	142	-4.8	3.6	1.2	1	J
19	382	15.5	37	J	4.6	4	122	-2.4	3.2	2.1	1	J
20	382	15.0	28	J	4.7	13	116	-1.8	2.7	2.7	3	J
21	371	10.3	37	J	7.5	12	120	-3.6	4.5	4.7	1	J
22	371	11.6	42	J	7.7	-6	124	-4.2	5.6	2.8	1	J
23	379	12.6	24	J	8.3	44	153	-3.8	-0.7	4.5	6	J
24	402	17.8	25	J	11.7	41	135	-5.0	0.7	7.9	7	J

C-3

90-04-03 - 90-04-16

APR. 3, 1990 (093)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	374	17.2	24	J	11.5	0	174	-10.0	0.9	0.6	5	J
2	366	16.1	41	J	10.4	5	184	-7.8	-0.8	0.3	7	J
3	367	16.4	37	J	10.0	23	153	-7.9	1.7	5.2	3	J
4	354	15.3	41	J	9.6	9	206	-8.0	-4.1	-0.5	3	J
5												
6	346	15.1	63	J	9.0	-5	160	-7.8	2.9	0.3	3	J
7	333	15.2	44	J	8.7	1	169	-8.3	1.5	0.6	2	J
8	340	16.7	76	J	8.3	-7	176	-7.9	0.8	-0.8	2	J
9	349	17.1	77	J	8.7	-10	214	-6.7	-4.1	-2.4	3	J
10	353	17.2	58	J	8.9	-14	202	-6.5	-2.2	-2.2	5	J
11	375	18.9	31	J	9.1	-20	250	-2.6	-6.4	-4.1	4	J
12	394	20.0	35	J	9.4	-33	297	3.4	-5.6	-6.1	3	J
13	396	20.9	47	J	8.7	-52	317	2.3	-1.2	-4.3	7	J
14	386	14.4	81	J	8.6	72	218	-1.6	-2.8	5.9	6	J
15	405	12.4	124	J	9.4	-7	114	-1.2	2.7	0.4	9	J
16	406	8.8	103	J	10.4	-34	121	-4.1	8.2	-2.8	4	J
17	417	9.2	150	J	9.6	-27	117	-3.3	7.4	-1.0	5	J
18												
19												
20												
21												
22												
23												
24												

APR. 10, 1990 (100)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11	464	28.9	38	J								
12	491	32.6	24	J								
13	484	36.0	26	J								
14	473	36.1	20	J								
15												
16												
17												
18												
19												
20												
21												
22												
23	468	8.5	52	J	9.6	-84	360	0.9	4.9	-7.4	3	J
24	455	8.8	45	J	9.8	-76	281	0.4	3.0	-8.6	3	J

APR. 11, 1990 (101)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	459	7.8	34	J	10.6	-67	352	4.0	4.6	-8.3	2	J
2												
3												
4												
5												
6												
7												
8												
9												
10	431	8.1	44	J	7.8	-30	285	1.7	-5.6	-5.0	1	J
11	426	8.7	50	J	7.8	-36	281	1.2	-5.1	-5.5	2	J
12	428	9.4	59	J	7.1	-58	304	1.9	-1.8	-5.8	3	J
13	425	8.3	39	J	7.2	-52	281	0.8	-3.1	-6.2	1	J
14	421	8.6	37	J	7.0	-61	272	0.1	-1.8	-6.2	3	J
15	427	9.6	63	J	6.6	-65	232	-1.5	-0.5	-5.5	3	J
16	430	9.5	61	J	7.0	-53	254	-1.0	-1.9	-5.9	3	J
17	433	9.4	57	J	7.7	-62	254	-0.8	-0.6	-6.3	4	J
18	436	9.7	61	J	7.2	-61	219	-2.4	0.5	-5.9	3	J
19	416	10.2	69	J	7.4	-29	198	-5.4	-0.1	-3.6	4	J
20	421	10.4	84	J	7.4	-22	132	-3.0	3.8	0.1	6	J
21	423	10.2	78	J	7.6	-35	141	-4.1	4.8	-1.4	4	J
22	423	9.0	62	J	7.6	-37	128	-3.5	6.2	-1.2	3	J
23	415	8.7	60	J	8.1	-23	141	-5.3	5.2	-0.1	3	J
24	413	7.7	39	J	8.4	-29	139	-5.5	6.3	-0.8	0	J

APR. 12, 1990 (102)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	413	10.2	45	J	8.8	-34	155	-6.2	4.9	-2.4	3	J
2	411	10.5	39	J	9.1	-26	166	-7.4	3.5	-2.3	3	J
3	415	11.4	47	J	9.0	-37	167	-6.5	3.7	-3.8	3	J
4	513	39.2	195	J	18.2	-59	116	-2.8	9.6	-7.1	16	J
5	554	84.6	302	J	15.9	43	260	-0.6	-4.4	1.7	16	J
6	588	53.3	714	J	28.0	-30	304	9.9	-10.5	-14.5	22	J
7					33.1	9	297	9.9	-19.6	-2.2	25	J
8												
9												
10												
11												
12												
13	735	11.7	131	J	13.9	26	178	-10.3	-0.6	5.0	8	J
14	757	7.1	83	J	9.7	32	217	-6.2	-5.7	3.7	3	J
15	755	5.8	71	J	10.3	34	204	-7.7	-4.8	4.6	1	J
16	751	4.6	127	J	10.4	23	179	-9.2	-1.1	3.8	3	J
17	689	9.3	197	J	6.9	6	238	-2.4	-3.7	-0.9	6	J
18	700	9.9	265	J	6.0	-23	169	-4.2	1.5	-1.3	4	J
19	742	5.5	275	J	8.9	-16	148	-6.9	4.9	-0.1	2	J
20	699	4.4	344	J	7.8	-54	201	-2.4	1.0	-3.6	7	J
21	713	4.6	354	J	7.9	-17	210	-6.0	-1.9	-3.6	3	J
22	730	4.1	128	J	9.0	-8	199	-8.1	-1.7	-2.5	2	J
23	716	4.6	129	J	10.2	3	199	-9.3	-3.0	-1.3	2	J
24	692	4.9	249	J	9.0	21	202	-7.4	-4.2	1.0	2	J

APR. 13, 1990 (103)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	674	7.4	310	J	7.8	22	199	-6.3	-3.3	1.2	3	J
2	638	8.5	134	J	7.5	-17	19	4.9	2.2	-0.5	5	J
3	646	8.0	127	J	7.4	-13	37	5.5	4.4	0.5	2	J
4	633	5.9	120	J	7.5	-30	13	6.1	2.8	-2.7	2	J
5	638	5.1	106	J	8.5	55	34	2.2	0.0	4.0	7	J
6	633	3.2	75	J	8.5	-37	330	5.6	-1.5	-5.7	2	J
7	638	2.9	93	J	7.7	-40	359	5.1	1.1	-4.2	4	J
8	620	2.1	87	J	7.4	-29	339	5.9	-1.4	-3.9	2	J
9	609	2.0	82	J	8.2	-29	343	6.8	-1.2	-4.3	1	J
10	609	3.4	55	J	7.4	13	322	4.3	-3.5	0.6	5	J
11	602	2.0	39	J	8.0	-22	328	6.1	-3.3	-3.5	2	J
12	595	1.5	19	J	7.9	-27	335	6.3	-2.3	-4.0	1	J
13	591	1.5	34	J	7.8	-21	337	6.6	-2.2	-3.2	1	J
14	582	1.9	67	J	7.8	5	329	6.4	-3.9	-0.2	2	J
15	560	1.9	60	J	7.3	-5	346	6.7	-1.4	-1.0	2	J
16	584	2.7	126	J	8.3	13	303	3.5	-5.6	-0.2	5	J
17	588	1.7	55	J	7.9	-10	329	6.2	-3.0	-2.5	3	J
18					7.8	-31	328	5.6	-1.6	-5.1	2	J
19	613	1.9	77	J	7.8	-18	333	5.4	-1.6	-3.0	5	J
20	609	2.4	95	J	7.2	13	339	5.5	-2.5	0.1	4	J
21	635	2.6	108	J	7.1	-46	9	4.2	2.9	-3.4	3	J
22	619	2.7	110	J	7.4	-33	341	4.2	0.3	-3.2	5	J
23	617	2.9	129	J	7.0	3	311	4.3	-4.4	-2.4	2	J
24												

APR. 14, 1990 (104)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	598	3.8	220	J	6.7	-30	333	4.5	-1.7	-3.3	3	J
11	599	3.5	166	J	6.7	-32	344	4.7	-0.8	-3.3	3	J
12	626	3.0	159	J	7.0	-28	326	4.3	-2.4	-3.2	4	J
13	635	2.5	196	J	7.1	-7	329	5.0	-2.8	-1.3	4	J
14	641	2.0	171	J	6.8	23	346	4.7	-1.6	1.8	4	J
15	661	2.3	254	J	7.1	-27	308	2.9	-2.9	-3.2	5	J
16	662	2.3	198	J	7.1	-5	316	4.2	-3.7	-1.7	4	J
17	651	2.2	164	J	7.3	9	312	4.2	-4.7	-0.7	4	J
18	652	2.4	217	J	7.3	8	311	3.5	-4.0	-1.0	5	J
19	622	2.2	123	J	7.6	-19	343	4.9	-0.5	-2.2	5	J
20	608	2.2	131	J	7.2	-30	352	5.9	1.0	-3.4	2	J
21	619	2.0	135	J	7.1	-23	342	5.7	-0.3	-3.1	3	J
22	601	1.9	131	J	6.4	-9	352	5.5	-0.2	-1.2	3	J
23	633	1.8	133	J	6.3	-4	342	5.3	-1.2	-1.3	3	J
24	615	1.7	125	J	6.3	-9	356	5.7	0.2	-1.0	2	J

APR. 15, 1990 (105)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	639	1.5	149	J	6.5	-28	330	4.4	-0.8	-3.7	3	J
2	641	1.4	110	J	6.4	-11	334	4.9	-1.5	-2.1	3	J
3	626	1.5	177	J	6.2	-7	324	4.7	-2.7	-2.2	2	J
4												
5												
6												
7												
8												
9												
10					6.1	5	324	4.8	-3.5	-0.1	1	J
11					6.0	-9	326	4.5	-2.9	-1.4	2	J
12					5.8	-5	322	4.1	-3.1	-1.0	3	J
13					6.2	-29	293	2.0	-4.1	-3.6	2	J
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24	497	2.0	26	J	5.6	-6	326	4.5	-2.3	-2.1	1	J

APR. 16, 1990 (106)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					5.8	0	336	5.3	-2.0	-1.2	0	J
2					7.1	-8	333	6.2	-2.3	-2.4	3	J
3												
4												
5	448	3.3	28	J	4.9	51	319	2.2	-3.1	2.7	2	J
6	448	4.3	33	J	5.5	49	329	2.9	-2.9	3.1	2	J
7	443	4.3	41	J	5.0	17	306	2.8	-4.0	0.3	1	J
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

APR. 17, 1990 (107)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3	301	4.2	41	J								
4	300	5.5	38	J								
5	294	4.9	51	J								
6	299	6.2	56	J								
7	322	6.9	75	J								
8	367	22.8	263	J								
9	368	24.3	235	J								
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

APR. 22, 1990 (112)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3	395	10.7	28	J	5.4	-25	89	0.1	4.2	0.1	3	J
4	389	12.3	31	J	6.1	-21	93	-0.2	4.5	0.2	4	J
5	386	11.3	27	J	6.2	-60	242	-0.7	-0.3	-3.0	5	J
6	370	12.5	33	J	6.0	27	269	-0.1	-4.0	0.7	4	J
7	368	12.2	20	J	4.5	-34	56	1.9	3.3	-1.5	2	J
8	365	10.1	22	J	5.4	-34	57	2.2	3.9	-2.0	2	J
9	365	9.9	22	J	5.5	-32	35	3.5	2.9	-2.2	2	J
10	365	8.3	20	J	6.1	-30	39	3.8	3.5	-2.3	2	J
11	363	8.9	17	J	6.4	-29	30	4.7	3.1	-2.6	2	J
12	368	9.9	19	J	7.6	-43	28	4.8	3.2	-4.6	2	J
13	373	10.4	23	J	8.2	-56	29	3.9	3.2	-6.1	2	J
14					8.3	-54	353	4.7	0.7	-6.5	1	J
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

APR. 23, 1990 (113)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9	450	12.5	200	J	9.0	8	11	8.2	1.4	1.4	4	J
10	457	15.3	125	J	8.7	21	305	2.5	-3.8	1.1	7	J
11	471	23.3	116	J	7.4	18	249	-2.1	-5.8	1.1	4	J
12	453	26.2	76	J	7.4	-18	266	-0.5	-6.4	-3.1	2	J
13	443	25.0	81	J	7.7	-28	281	1.3	-6.0	-4.6	1	J
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

APR. 24, 1990 (114)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	467	10.8	159	J	9.1	-54	316	2.8	-1.9	-5.7	6	J
13	480	8.7	106	J	7.6	17	308	3.9	-5.2	1.1	4	J
14	521	4.8	76	J	5.3	30	41	3.2	2.3	2.9	2	J
15	491	4.7	92	J	5.7	-25	320	3.3	-2.3	-2.6	3	J
16	457	3.6	99	J	5.1	-15	330	4.1	-1.9	-1.9	1	J
17	446	5.0	40	J	6.1	-29	316	3.6	-2.4	-3.8	2	J
18	438	5.7	78	J	5.7	-26	320	3.6	-1.9	-3.2	2	J
19	439	6.2	69	J	5.6	-28	310	3.0	-2.1	-3.7	2	J
20	420	7.0	107	J	5.7	-18	333	4.3	-1.2	-2.4	2	J
21	424	8.5	120	J	6.0	-31	334	3.5	-0.3	-2.9	4	J
22	436	7.2	87	J	6.1	39	4	3.4	-1.2	-2.5	4	J
23	440	6.5	77	J	6.3	-2	310	3.5	-3.5	-2.3	3	J
24	457	4.6	47	J	6.6	-8	319	4.5	-2.9	-2.7	3	J

APR. 25, 1990 (115)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	454	4.6	54	J	6.0	-2	328	4.4	-2.3	-1.5	3	J
2	450	5.0	66	J	6.1	-31	351	4.0	0.6	-2.4	4	J
3												
4												
5												
6												
7												
8												
9	468	5.0	66	J	5.6	-22	298	2.2	-3.7	-2.5	3	J
10	453	4.8	56	J	6.0	-2	306	3.3	-4.5	-0.8	2	J
11	474	5.0	72	J	5.9	-21	289	1.2	-3.2	-1.8	4	J
12	464	4.9	50	J	6.0	-12	323	3.2	-2.3	-1.2	4	J
13	458	4.7	71	J	5.4	8	331	3.6	-2.1	0.3	3	J
14	451	4.6	50	J	6.7	5	321	5.0	-4.1	-0.2	2	J
15	448	4.8	47	J	6.9	37	345	4.9	-2.1	3.5	3	J
16	472	4.0	79	J	6.5	-6	303	3.3	-4.7	-2.0	2	J
17	466	3.8	79	J	6.3	30	317	3.6	-4.1	1.6	3	J
18	468	3.8	78	J	6.4	26	314	3.2	-4.0	0.8	4	J
19	461	4.0	59	J	6.3	7	302	3.1	-4.7	-1.4	2	J
20	455	4.6	55	J	6.4	23	315	3.9	-4.5	0.3	2	J
21	453	4.4	54	J	6.4	23	307	3.4	-5.2	-0.1	2	J
22	450	4.3	36	J	6.9	13	295	2.8	-5.9	-1.7	2	J
23	421	4.6	46	J	6.9	13	310	4.1	-5.0	-1.3	2	J
24	435	4.4	26	J	7.3	-19	290	2.2	-4.1	-5.0	3	J

APR. 26, 1990 (116)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	445	4.2	29	J	6.9	12	277	0.6	-4.5	-1.4	5	J
2	435	4.3	32	J	6.5	40	316	1.9	-2.6	1.1	6	J
3												
4												
5												
6												
7												
8												
9	415	10.7	25	J	3.1	13	341	2.8	-1.0	0.5	1	J
10	413	11.5	32	J	3.4	22	327	2.6	-1.8	1.0	1	J
11	405	11.4	43	J	3.8	7	328	3.1	-2.0	0.2	1	J
12	392	10.3	34	J	4.4	-2	345	4.2	-1.1	-0.3	1	J
13	385	8.7	22	J	3.7	3	352	3.4	-0.5	0.1	1	J
14	388	9.2	24	J	3.7	3	354	3.3	-0.4	0.1	1	J
15	390	11.5	22	J	4.8	2	10	4.4	0.7	0.3	2	J
16	389	12.3	22	J	5.7	15	10	5.3	0.5	1.6	1	J
17	385	11.7	22	J	4.8	37	353	3.7	-1.3	2.5	1	J
18	384	10.9	23	J	5.0	26	346	4.3	-1.8	1.6	1	J
19	383	9.1	21	J	5.1	17	338	4.3	-2.2	0.5	2	J
20	378	9.3	18	J	5.4	22	340	4.7	-2.5	1.0	1	J
21	374	7.9	22	J	5.6	11	320	4.1	-3.5	-0.8	1	J
22	368	7.9	26	J	5.8	6	336	5.2	-2.3	-0.7	1	J
23	373	8.2	23	J	6.0	12	325	4.7	-3.5	-0.6	1	J
24	380	11.0	31	J	7.4	-1	317	5.0	-4.0	-2.5	3	J

APR. 27, 1990 (117)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	377	12.4	61	J	8.3	18	357	7.5	-1.5	1.9	2	J
2	370	12.4	49	J	8.2	-8	341	7.6	-1.8	-2.2	1	J
3												
4												
5												
6												
7												
8												
9												
10	382	7.0	34	J	6.7	-15	287	1.6	-5.1	-2.2	3	J
11	381	7.8	47	J	5.8	-43	297	1.7	-2.9	-3.9	3	J
12	378	7.7	42	J	5.8	-18	304	2.2	-3.0	-1.7	4	J
13	377	8.0	34	J	5.7	-64	34	2.0	2.1	-4.8	1	J
14	378	8.2	33	J	5.8	-60	60	1.4	3.2	-4.4	1	J
15	368	7.8	36	J	5.8	-50	336	3.2	-0.5	-4.3	2	J
16	373	7.5	29	J	5.8	-63	23	2.1	2.1	-4.1	3	J
17					5.8	-80	258	-0.2	0.8	-5.2	2	J
18					5.9	-22	274	0.3	-3.5	-3.4	3	J
19					5.8	-3	279	0.9	-4.9	-2.6	2	J
20					5.7	-7	277	0.6	-4.3	-2.9	3	J
21					5.3	-26	286	1.3	-2.8	-4.1	2	J
22												
23												
24	377	6.9	22	J	5.7	16	285	1.3	-5.1	-1.2	2	J

APR. 28, 1990 (118)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	374	7.2	29	J	5.9	-4	297	2.3	-3.8	-2.5	3	J
2	373	7.0	28	J	5.8	-22	291	1.6	-2.9	-3.5	3	J
3	378	7.2	22	J	5.7	-49	290	1.2	-1.3	-5.0	2	J
4	374	7.4	23	J	5.6	-72	338	1.5	1.3	-4.7	2	J
5	377	7.3	26	J	5.7	-47	275	0.2	-1.1	-2.5	5	J
6	376	6.9	20	J	6.0	-18	271	0.1	-4.8	-3.2	2	J
7												
8												
9												
10												
11	377	13.0	42	J	10.1	-34	300	3.8	-5.9	-5.8	5	J
12	387	12.4	33	J	10.2	-23	284	2.2	-8.3	-4.9	3	J
13	377	12.5	33	J	10.5	-17	299	4.8	-8.1	-4.2	2	J
14	385	16.4	43	J	11.2	42	230	-5.0	-7.1	5.9	4	J
15	396	19.3	84	J	11.4	35	247	-3.5	-9.4	4.4	3	J
16	373	23.1	20	J	11.3	30	247	-3.6	-9.5	2.9	4	J
17	372	26.3	29	J	10.9	13	256	-2.5	-10.3	-0.9	2	J
18	375	26.6	16	J	9.7	22	259	-1.7	-9.3	0.1	2	J
19												
20												
21												
22												
23												
24												

90-05-04 - 90-05-11

MAY. 4, 1990 (124)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23					8.6	-28	117	-3.1	7.1	-0.2	3	J
24	499	3.9	118	J	8.0	-5	159	-5.3	2.0	0.5	6	J

MAY. 5, 1990 (125)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	502	3.7	116	J	7.7	18	137	-4.0	2.5	3.3	5	J
2	523	3.9	141	J	7.5	18	126	-2.7	2.8	3.0	6	J
3												
4												
5												
6												
7												
8	507	3.6	90	J	7.3	-29	141	-4.6	4.2	-2.7	3	J
9	513	3.8	108	J	7.0	-34	175	-5.0	0.8	-3.3	3	J
10	499	3.4	65	J	7.3	-13	150	-5.1	3.1	-1.1	4	J
11	504	3.6	92	J	7.7	20	118	-3.0	5.3	2.8	3	J
12	521	3.3	66	J	7.4	13	97	-0.8	6.2	2.0	3	J
13	525	2.8	56	J	7.6	7	105	-1.8	6.7	1.6	3	J
14	504	3.1	48	J	7.5	13	112	-2.3	5.5	2.2	4	J
15												
16												
17												
18												
19												
20												
21												
22												
23												
24	477	5.8	32	J	5.3	-3	97	-0.6	4.1	1.9	3	J

MAY. 6, 1990 (126)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	455	5.4	49	J	5.4	17	125	-2.5	2.6	2.8	3	J
2	453	5.1	45	J	5.3	25	122	-2.1	2.3	3.1	3	J
3	445	5.1	51	J	5.5	35	156	-3.6	0.4	3.2	3	J
4	451	5.0	73	J	5.0	6	128	-1.8	2.1	1.1	4	J
5	461	5.1	26	J	6.0	-34	71	1.6	5.4	-1.8	1	J
6												
7												
8												
9												
10												
11	423	5.4	78	J	4.8	-1	130	-2.9	3.4	0.2	2	J
12	435	5.6	59	J	5.0	37	160	-1.5	0.4	1.2	5	J
13	422	6.0	62	J	5.4	29	217	-2.9	-2.4	1.8	3	J
14	416	5.8	48	J	5.5	23	149	-3.6	1.9	2.0	3	J
15	411	5.1	36	J	5.1	7	168	-3.8	0.7	0.6	3	J
16	429	5.7	51	J	5.4	53	215	-2.4	-2.5	3.4	2	J
17	420	5.5	36	J	5.7	50	190	-3.0	-1.5	3.4	3	J
18	411	5.4	39	J	5.4	28	185	-3.9	-1.0	1.8	3	J
19	414	6.0	36	J	5.6	46	169	-3.3	-0.8	3.5	3	J
20	416	5.5	29	J	5.8	38	211	-3.8	-3.5	2.2	1	J
21												
22												
23												
24												

MAY. 7, 1990 (127)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8	378	6.0	83	J	5.3	24	159	-4.3	1.3	2.2	2	J
9					5.8	30	149	-4.2	2.2	3.1	2	J
10												
11	401	6.1	24	J	6.2	52	125	-2.1	2.6	4.9	2	J
12	381	6.6	55	J	6.3	47	157	-3.9	1.3	4.6	1	J
13	387	6.6	62	J	6.7	-23	109	-1.8	5.5	-1.9	3	J
14	397	6.1	35	J	6.9	-26	133	-3.9	4.5	-2.3	2	J
15	377	6.3	44	J	6.6	-47	181	-4.2	0.7	-4.5	2	J
16	369	6.2	39	J	6.9	-12	137	-4.6	4.5	-0.4	2	J
17	364	5.6	37	J	7.0	19	145	-5.0	2.8	3.0	3	J
18	377	5.3	22	J	7.3	53	152	-3.3	0.0	5.3	4	J
19	363	5.0	12	J	7.6	40	143	-4.6	1.4	5.8	2	J
20	359	5.5	13	J	7.9	44	149	-4.8	0.3	6.1	2	J
21	351	5.7	18	J	8.1	23	146	-5.9	2.2	4.5	2	J
22	364	5.9	14	J	8.1	27	140	-5.3	2.3	5.2	2	J
23	369	6.6	14	J	8.4	3	124	-4.6	5.9	3.6	1	J
24	373	6.3	16	J	7.9	-47	128	-3.1	6.1	-3.0	2	J

MAY. 8, 1990 (128)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	357	6.4	17	J	7.8	18	134	-4.6	3.3	4.0	4	J
2	356	6.5	15	J	7.7	14	134	-5.1	4.0	3.8	2	J
3												
4												
5												
6												
7												
8	397	8.5	44	J	8.4	-9	103	-1.8	8.0	-0.2	2	J
9	384	8.4	62	J	7.7	24	162	-5.8	1.6	2.9	4	J
10	379	8.2	66	J	7.9	18	161	-7.0	2.2	2.6	1	J
11	392	8.2	85	J	7.1	-5	136	-4.2	4.1	-0.2	4	J
12	397	7.8	73	J	7.1	-10	133	-4.6	5.0	-0.8	2	J
13	409	7.9	96	J	6.3	-7	117	-1.8	3.7	-0.2	5	J
14	432	8.3	76	J	6.0	-24	115	-1.4	3.0	-1.1	5	J
15	410	8.6	74	J	6.8	-1	88	0.2	4.6	0.7	5	J
16	416	9.2	56	J	7.0	36	119	-2.3	3.3	4.3	4	J
17	429	11.2	79	J	7.9	66	145	-2.2	-0.1	6.2	5	J
18	433	11.3	71	J	8.8	57	137	-3.2	0.6	7.4	3	J
19	427	10.8	110	J	8.2	58	129	-2.2	0.4	6.3	5	J
20	435	12.5	128	J	8.4	34	91	-0.1	3.5	5.7	5	J
21	418	11.4	150	J	7.1	-12	117	-1.7	3.3	0.8	6	J
22	436	10.8	117	J	7.2	-67	113	-0.6	3.0	-2.6	6	J
23	443	10.7	107	J	6.8	-48	76	0.8	4.4	-1.7	5	J
24	426	10.4	91	J	6.8	-55	135	-2.1	3.9	-2.9	4	J

MAY. 9, 1990 (129)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	447	11.1	74	J	7.3	-33	67	1.6	4.6	-0.7	5	J
2	419	13.1	139	J	7.7	66	61	1.1	-0.3	5.3	5	J
3												
4												
5												
6												
7												
8												
9	392	12.0	49	J	6.3	-47	106	-0.9	3.6	-3.3	4	J
10	404	12.2	44	J	6.4	-9	61	2.1	3.8	-0.4	5	J
11	397	11.2	30	J	7.3	-48	74	1.2	4.6	-4.7	3	J
12	386	9.7	22	J	7.5	-67	92	-0.1	3.3	-6.6	2	J
13	381	9.7	22	J	7.0	-78	137	-1.0	1.5	-6.5	2	J
14	378	9.6	33	J	6.5	-68	158	-2.2	1.6	-5.8	1	J
15	370	9.8	37	J	6.4	-57	158	-3.1	2.0	-4.9	2	J
16	359	9.9	42	J	6.4	-51	169	-3.9	1.8	-4.6	1	J
17	342	9.8	44	J	6.5	-35	176	-5.2	1.3	-3.4	1	J
18	349	10.4	50	J	6.5	-42	172	-4.7	2.0	-3.8	1	J
19	360	15.1	52	J	8.2	-47	179	-5.5	2.3	-5.5	2	J
20	359	18.8	43	J	12.1	-36	175	-9.4	3.6	-5.9	3	J
21	353	23.3	51	J	13.5	-16	170	-11.5	3.3	-2.1	6	J
22	377	28.6	51	J	13.8	-40	173	-8.1	4.0	-5.7	9	J
23	372	30.7	49	J	12.3	-47	163	-7.8	6.1	-6.6	4	J
24	382	51.1	52	J	4.7	-62	155	-1.3	1.8	-2.2	4	J

MAY. 10, 1990 (130)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	383	53.2	53	J	4.9	-57	122	-0.5	1.4	-1.0	5	J
2	374	50.1	37	J	8.5	-26	145	-5.7	5.1	-1.5	3	J
3	358	50.6	47	J	8.5	-30	187	-6.7	0.7	-3.9	3	J
4	372	65.8	51	J	10.1	-20	119	-4.4	8.6	-0.6	4	J
5	369	59.8	45	J	12.8	-40	332	2.2	-0.6	-2.4	13	J
6					13.9	-40	307	4.4	-4.3	-7.2	11	J
7	427	14.0	177	J	14.2	-19	293	4.0	-8.7	-5.1	9	J
8	448	11.2	143	J	16.3	-34	302	7.0	-9.9	-10.3	3	J
9	462	11.4	131	J	15.6	-7	316	10.7	-10.1	-2.8	4	J
10	475	12.4	191	J	13.0	31	295	4.6	-10.4	5.9	2	J
11	510	9.7	115	J	10.4	11	326	7.8	-5.4	1.5	4	J
12	526	7.8	140	J	8.3	23	317	5.2	-5.0	2.7	3	J
13	514	8.7	174	J	7.8	5	319	5.1	-4.5	0.2	4	J
14	516	8.4	164	J	7.8	15	347	5.6	-1.4	1.4	5	J
15	523	7.2	97	J	8.0	32	312	3.9	-4.8	2.9	4	J
16	507	6.1	63	J	7.9	27	327	5.4	-4.1	2.5	3	J
17	501	5.1	65	J	7.9	-4	313	5.1	-5.2	-1.9	2	J
18	502	4.6	45	J	8.1	3	318	5.9	-5.1	-1.3	2	J
19					12.6	14	306	7.0	-10.0	-0.8	7	J
20					22.0	15	305	12.0	-18.0	-1.9	3	J
21					11.0	1	303	5.3	-7.4	-3.4	8	J
22					7.0	34	328	4.0	-3.7	1.7	4	J
23					7.3	44	290	1.6	-5.9	2.0	4	J
24					7.6	47	336	2.6	-2.4	2.2	6	J

MAY. 11, 1990 (131)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					7.4	-25	327	5.0	-1.7	-3.9	3	J
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

90-05-17 - 90-05-30

MAY. 17, 1990 (137)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8	301	22.7	8	J	4.7	72	160	-0.9	0.1	3.0	4	J
9	300	16.9	10	J	5.9	64	294	1.0	-2.5	4.9	2	J
10	300	15.8	10	J	5.7	14	313	3.3	-3.6	1.1	3	J
11	293	11.4	14	J	6.3	4	312	3.9	-4.3	0.3	2	J
12	305	13.4	14	J	6.3	3	307	3.6	-4.8	0.2	1	J
13	313	11.9	10	J	5.9	-3	307	3.4	-4.5	-0.5	2	J
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24	298	22.0	8	J	4.5	29	303	2.1	-3.9	0.6	1	J

MAY. 18, 1990 (138)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	375	14.0	62	J	19.7	-24	306	10.5	-14.2	-8.3	2	J
11	388	22.8	65	J	17.1	-12	296	7.1	-14.6	-3.6	4	J
12	374	22.9	50	J	15.6	-12	293	5.7	-13.3	-3.3	5	J
13	374	20.6	39	J	15.7	13	293	4.7	-11.2	2.5	10	J
14	388	36.2	58	J	12.3	-67	311	2.7	-2.5	-9.8	6	J
15					14.4	-74	348	3.9	0.6	-13.8	3	J
16					13.7	-59	266	-0.4	-3.9	-9.7	9	J
17												
18												
19	374	15.1	103	J	9.2	-51	326	4.2	-0.7	-6.9	5	J
20	384	13.0	48	J	11.0	6	272	0.3	-8.0	-2.2	7	J
21	384	10.4	34	J	11.1	21	265	-0.9	-10.6	-0.4	3	J
22	384	10.8	36	J	10.0	-22	279	1.4	-6.5	-6.9	3	J
23	376	10.1	34	J	10.0	-28	289	2.6	-5.1	-7.0	4	J
24	367	10.4	32	J	10.2	13	301	5.1	-8.6	-1.4	2	J

MAY. 19, 1990 (139)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	360	8.6	31	J	10.4	-10	299	4.7	-7.2	-4.9	3	J
2	370	6.5	29	J	10.8	-14	292	3.9	-8.0	-5.8	2	J
3	367	6.7	29	J	10.6	-37	298	3.9	-5.0	-8.3	1	J
4	356	8.0	58	J	9.0	-24	307	4.8	-5.2	-5.2	2	J
5	353	7.9	57	J	8.6	-11	303	4.3	-6.2	-3.0	3	J
6												
7	346	8.8	83	J	8.1	-7	319	5.9	-5.0	-1.6	1	J
8	359	7.5	90	J	8.2	-17	328	6.3	-3.8	-2.6	3	J
9	365	6.5	82	J	8.2	-20	335	6.7	-3.0	-2.8	2	J
10	357	6.3	86	J	8.2	-19	341	7.0	-2.4	-2.6	2	J
11	354	6.6	68	J	8.2	-14	328	6.5	-4.1	-1.9	2	J
12	352	6.8	71	J	8.6	-22	328	6.7	-4.2	-3.2	1	J
13	361	7.9	82	J	8.3	-25	324	5.9	-4.2	-3.5	2	J
14					8.1	19	325	6.0	-4.3	2.3	3	J
15												
16												
17												
18												
19	375	5.7	36	J	8.7	0	325	7.1	-4.7	-1.6	1	J
20	389	4.7	86	J	8.8	-11	321	6.3	-4.2	-3.3	3	J
21	379	3.9	68	J	9.0	-22	326	6.9	-3.0	-4.9	1	J
22												
23					6.6	-2	289	2.1	-5.6	-2.8	1	J
24					7.9	-9	313	4.8	-4.3	-3.1	3	J

MAY. 20, 1990 (140)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					9.4	-46	310	4.1	-2.0	-7.9	2	J
2					9.3	-47	314	4.4	-1.8	-7.9	1	J
3					9.4	-36	327	6.2	-2.2	-6.4	1	J
4					9.5	-25	323	6.7	-3.8	-5.1	2	J
5					9.3	-14	335	7.9	-3.1	-2.9	2	J
6					9.5	-4	347	8.7	-1.9	-1.0	2	J
7					9.2	1	324	7.4	-5.3	-0.5	1	J
8					8.6	-9	319	6.0	-5.1	-1.6	3	J
9					9.1	-12	307	5.2	-6.9	-2.1	2	J
10					9.3	-26	309	5.1	-6.3	-4.1	2	J
11					9.3	-4	308	5.5	-7.0	-0.6	3	J
12					9.7	-23	300	4.4	-7.6	-3.7	2	J
13					9.6	-16	305	5.2	-7.4	-2.7	2	J
14					9.6	-2	304	5.1	-7.6	-0.7	3	J
15					8.9	17	304	4.5	-6.9	1.9	3	J
16	420	4.4	60	J	8.2	-48	316	3.7	-2.7	-6.1	3	J
17	422	5.2	58	J	7.9	-26	311	3.8	-3.7	-3.7	4	J
18	424	5.7	64	J	7.5	2	307	3.7	-4.8	-1.1	4	J
19	421	5.2	43	J	7.8	-33	302	3.3	-3.8	-5.6	2	J
20	441	5.5	28	J	7.8	-49	281	0.9	-2.5	-7.0	2	J
21	447	5.7	30	J	7.6	-35	264	-0.6	-3.9	-6.2	2	J
22	438	5.9	41	J	6.8	-52	290	1.1	-1.1	-5.2	4	J
23	426	5.7	30	J	6.8	-57	353	3.6	1.9	-5.2	1	J
24												

MAY. 21, 1990 (141)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	404	5.3	39	J	6.9	7	323	5.4	-4.1	-0.8	2	J
2	436	5.8	47	J	6.6	-9	280	1.1	-5.3	-3.0	2	J
3	420	5.6	44	J	6.4	-3	287	1.8	-5.4	-2.1	2	J
4												
5												
6												
7												
8	415	5.0	27	J	7.4	38	285	1.5	-5.8	4.1	2	J
9												
10												
11												
12												
13												
14	412	6.1	43	J	11.4	-21	336	8.3	-3.5	-3.6	6	J
15	446	10.1	176	J	9.2	-58	23	4.3	2.5	-7.4	2	J
16	427	8.6	197	J	9.1	-43	7	6.2	1.6	-5.7	3	J
17					12.8	-48	54	4.5	7.8	-7.2	5	J
18												
19												
20												
21												
22	537	10.8	363	J	14.1	-54	328	1.1	0.1	-1.9	14	J
23	551	12.6	172	J	15.5	62	163	-4.4	-2.3	8.5	12	J
24	543	12.6	54	J	17.5	51	127	-6.5	2.7	15.6	4	J

MAY. 22, 1990 (142)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	538	12.1	38	J	16.3	18	108	-4.5	11.1	9.6	6	J
2	518	10.3	108	J	11.2	27	93	-0.4	5.2	5.6	8	J
3	516	12.9	28	J	12.1	-28	56	5.5	9.4	-2.5	5	J
4	530	11.8	22	J	12.5	5	94	-0.8	10.2	3.7	6	J
5	532	10.3	17	J	12.8	-6	87	0.7	12.5	1.3	2	J
6	520	15.1	44	J	10.7	-33	297	3.5	-6.0	-5.9	6	J
7	510	17.6	49	J	11.8	-31	299	4.9	-8.1	-6.9	1	J
8	511	30.1	94	J	12.1	-34	305	5.7	-7.7	-7.1	2	J
9					12.3	-37	324	7.9	-5.6	-7.5	0	J
10					12.2	-40	336	8.5	-3.8	-7.8	1	J
11					12.2	-39	340	8.9	-3.3	-7.6	1	J
12												
13												
14												
15												
16					11.8	-30	16	9.7	3.5	-5.4	2	J
17					12.1	-32	18	9.8	4.3	-5.7	1	J
18	439	17.1	7	J	12.0	-35	9	9.6	3.2	-6.2	1	J
19	443	17.5	5	J								
20												
21												
22					11.1	-42	22	7.6	5.7	-5.6	1	J
23					10.9	-39	26	7.6	6.1	-4.8	1	J
24					10.7	-40	31	7.0	6.6	-4.7	1	J

MAY. 23, 1990 (143)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					11.6	-41	23	8.0	5.9	-5.8	1	J
2					11.4	-28	31	8.5	6.6	-3.2	1	J
3					10.8	-28	30	8.3	6.1	-3.4	1	J
4					10.6	-26	20	8.9	4.3	-3.7	1	J
5												
6					9.7	-29	20	8.0	3.6	-4.2	1	J
7					9.6	-31	25	7.5	3.9	-4.6	1	J
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

MAY. 30, 1990 (150)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11	555	14.0	222	J								
12	572	11.6	292	J								
13	582	11.9	626	J								
14	589	9.8	465	J								
15	588	8.5	351	J	9.4	33	245	-3.0	-6.6	4.5	4	J
16	582	7.7	328	J	8.4	37	222	-4.3	-4.2	4.1	4	J
17	577	8.0	352	J	7.4	-1	215	-4.6	-3.2	-0.5	5	J
18	593	8.1	229	J	8.2	10	246	-3.0	-7.0	-0.1	3	J
19	569	6.9	226	J	7.8	-4	223	-5.4	-4.7	-1.8	2	J
20	572	7.3	189	J	9.0	1	221	-5.7	-4.8	-1.4	5	J
21	593	6.3	129	J	8.1	26	237	-3.7	-6.5	1.3	3	J
22	594	5.8	109	J	7.6	29	233	-3.8	-5.9	1.5	2	J
23	583	5.2	98	J	7.5	17	150	-4.7	2.0	2.5	5	J
24	582	4.4	83	J	8.9	-7	148	-4.7	3.0	0.4	4	J

90-05-31 - 90-06-13

MAY. 31, 1990 (151)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	564	4.3	84	J	6.6	4	163	-5.9	1.6	1.0	2	J
2	562	4.5	87	J	6.7	4	156	-5.7	2.3	1.2	2	J
3	564	4.4	76	J	6.3	14	164	-4.8	1.0	1.5	4	J
4	554	4.5	50	J	6.6	21	183	-5.6	-0.7	2.0	3	J
5	550	4.5	50	J	6.5	13	174	-5.8	0.4	1.4	3	J
6												
7												
8												
9												
10												
11	530	5.1	114	J	6.6	-10	149	-4.1	2.4	-1.0	5	J
12	533	5.0	93	J	6.3	12	131	-3.3	3.8	0.8	4	J
13	523	5.1	101	J	6.2	-4	147	-4.5	2.9	-0.5	3	J
14	562	4.8	50	J	6.6	2	88	0.2	6.2	0.0	2	J
15	540	4.3	48	J	6.5	-8	107	-1.8	5.8	-0.8	2	J
16	524	4.4	53	J	6.2	-9	122	-2.8	4.5	-0.5	3	J
17	533	4.1	63	J	5.7	-13	109	-1.6	4.7	-0.5	3	J
18	521	3.9	68	J	5.7	9	122	-2.4	3.6	1.4	4	J
19	537	4.1	96	J	4.9	17	135	-2.2	1.9	1.5	4	J
20	542	4.4	89	J	4.3	-57	234	-1.1	-0.6	-3.2	3	J
21	522	4.5	134	J	4.0	-19	192	-2.7	-0.2	-1.1	3	J
22	521	4.6	75	J	4.7	20	140	-3.1	1.9	2.3	2	J
23	509	5.0	105	J	4.6	-7	141	-3.2	2.6	0.4	2	J
24	511	4.7	73	J	4.6	17	147	-3.0	1.5	1.7	3	J

JUN. 1, 1990 (152)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	500	4.5	41	J	4.7	5	155	-3.9	1.6	0.9	2	J
2	495	3.6	36	J	4.8	-5	137	-3.4	3.1	0.5	1	J
3												
4												
5												
6												
7												
8												
9												
10												
11	492	6.2	56	J	4.2	0	118	-1.8	3.3	-0.3	1	J
12	494	6.4	54	J	4.4	-5	108	-1.0	3.2	-0.6	3	J
13	487	6.1	56	J	4.8	-19	112	-1.6	3.8	-1.7	2	J
14	493	5.8	51	J	5.1	-24	98	-0.5	3.7	-1.8	3	J
15	460	5.7	78	J	5.3	22	202	-3.8	-1.5	1.6	3	J
16	480	5.3	60	J	5.2	-17	134	-2.1	2.2	-0.8	4	J
17	470	5.0	47	J	5.0	-15	139	-2.8	2.6	-0.7	3	J
18	467	5.1	46	J	4.9	-5	134	-2.8	3.0	0.2	3	J
19	480	4.7	37	J	5.0	-15	104	-1.0	4.0	-0.1	3	J
20	491	4.6	36	J	5.0	-17	85	0.4	4.8	0.0	1	J
21	476	4.7	41	J	4.9	-18	113	-1.4	3.5	-0.1	3	J
22	464	4.5	45	J	4.5	-29	132	-2.5	3.3	-1.0	2	J
23	467	4.1	49	J	4.1	26	168	-2.0	0.1	1.1	3	J
24	484	4.5	33	J	5.0	8	79	0.9	4.0	2.1	2	J

JUN. 2, 1990 (153)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	483	4.5	37	J	5.0	-21	92	-0.1	4.1	-0.2	3	J
2	457	3.9	46	J	4.4	26	173	-2.4	0.0	1.2	4	J
3	445	4.0	62	J	5.3	13	156	-4.4	1.6	1.5	2	J
4	435	4.4	82	J	4.9	-2	155	-4.3	2.0	0.2	1	J
5	421	4.3	101	J	4.8	0	167	-4.3	1.0	0.1	2	J
6	423	4.6	117	J	5.1	-26	181	-4.4	0.1	-2.1	1	J
7	447	4.8	40	J	5.1	-15	113	-1.8	4.3	-1.1	2	J
8	455	5.0	36	J	5.1	-15	97	-0.6	4.5	-1.3	2	J
9	396	6.2	159	J	5.1	17	164	-4.1	1.2	1.3	3	J
10	420	5.5	70	J	5.2	-24	153	-3.5	1.6	-1.9	3	J
11	423	5.0	69	J	5.2	-6	191	-3.7	-0.8	-0.3	4	J
12	400	5.3	52	J	5.3	3	190	-4.9	-0.8	0.3	2	J
13	405	4.4	28	J	5.2	11	202	-4.3	-1.7	1.0	2	J
14	407	4.3	22	J	5.2	3	170	-4.6	0.8	0.2	2	J
15	397	4.3	31	J	5.5	14	167	-4.7	1.1	1.2	2	J
16	396	4.1	27	J	5.2	-7	179	-4.7	0.1	-0.6	2	J
17	393	4.8	28	J	5.7	21	193	-5.1	-1.4	1.9	1	J
18	395	4.8	26	J	5.8	22	180	-5.1	-0.4	2.0	2	J
19	386	4.4	35	J	5.6	-9	171	-5.4	1.0	-0.6	1	J
20	385	5.3	46	J	5.9	-3	169	-5.6	1.1	0.0	2	J
21	372	4.0	44	J	4.9	5	178	-4.8	0.0	0.4	1	J
22	372	4.7	48	J	5.5	11	166	-4.9	0.8	1.3	2	J
23	391	4.9	19	J	5.9	-6	133	-3.8	4.0	0.8	2	J
24	391	4.9	21	J	5.9	17	126	-3.1	3.5	2.9	2	J

JUN. 3, 1990 (154)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	379	6.5	58	J	5.8	10	144	-4.1	2.6	1.8	2	J
2	382	5.7	44	J	5.6	-13	138	-3.8	3.6	-0.2	2	J
3	375	6.2	61	J	5.4	-5	141	-3.9	3.2	0.3	2	J
4	367	6.5	64	J	4.9	21	181	-3.8	-0.3	1.4	3	J
5	360	6.3	32	J	5.2	1	194	-4.9	-1.2	-0.1	1	J
6	360	5.0	26	J	5.0	9	189	-4.7	-0.8	0.7	1	J
7												
8	362	4.9	27	J	4.9	1	151	-4.0	2.2	0.0	2	J
9	372	5.2	24	J	5.0	-17	126	-2.1	2.9	-1.3	3	J
10	362	5.5	22	J	5.2	-2	129	-3.0	3.6	-0.5	2	J
11	357	5.1	20	J	5.2	13	147	-3.8	2.5	0.8	3	J
12	363	5.5	21	J	5.1	7	133	-3.0	3.2	0.2	3	J
13	356	5.6	22	J	4.9	-35	120	-1.6	2.6	-2.4	3	J
14	362	6.1	13	J	5.0	-22	119	-2.2	3.8	-2.0	2	J
15	350	6.2	24	J	5.3	-2	136	-3.7	3.5	-0.2	1	J
16	343	6.7	35	J	5.5	21	155	-4.3	1.9	1.9	2	J
17	340	7.3	41	J	5.5	8	153	-4.3	2.1	0.9	2	J
18	335	7.3	37	J	5.3	11	156	-4.4	1.8	1.3	2	J
19	354	7.6	20	J	4.8	-30	118	-1.6	3.4	-1.3	3	J
20	368	8.2	13	J	6.5	-6	122	-2.7	4.4	0.7	4	J
21	367	18.5	161	J	6.3	30	105	-1.4	3.9	4.5	1	J
22	357	9.1	20	J	6.0	15	123	-2.7	3.5	2.6	3	J
23	356	9.5	16	J	5.7	-23	111	-1.3	3.8	-0.4	4	J
24	347	7.6	15	J	6.4	6	138	-4.7	3.8	2.0	1	J

JUN. 4, 1990 (155)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	329	8.7	8	J	6.0	19	155	-5.1	1.7	2.5	1	J
2	329	9.5	10	J	6.4	15	161	-5.6	1.4	2.0	2	J
3	347	5.9	39	J	7.0	-19	135	-4.6	5.0	-1.2	1	J
4	365	5.9	41	J	6.6	-20	121	-3.0	5.2	-1.2	3	J
5	365	7.0	110	J	5.4	-15	134	-3.5	3.7	-0.9	1	J
6	348	5.6	72	J	5.8	-23	153	-4.8	2.6	-2.1	1	J
7	359	6.3	40	J	6.9	-6	133	-4.5	4.8	-0.6	2	J
8	366	6.2	32	J	7.0	-8	123	-3.5	5.3	-1.0	3	J
9	385	6.2	28	J	6.8	-17	94	-0.4	6.3	-2.4	1	J
10	377	6.3	34	J	6.7	-5	111	-2.3	6.0	-1.1	2	J
11	387	6.2	42	J	6.5	-37	91	-0.1	4.4	-4.1	3	J
12	370	5.9	28	J	6.8	-6	112	-2.5	6.0	-1.3	1	J
13	365	6.0	35	J	6.5	-14	121	-2.9	4.7	-1.8	3	J
14	354	5.0	65	J	6.5	3	144	-5.2	3.8	0.1	1	J
15	341	5.7	37	J	6.5	5	153	-5.7	2.9	0.5	1	J
16	341	5.7	30	J	6.6	1	145	-5.3	3.7	0.3	1	J
17	346	6.0	40	J	6.4	9	141	-4.8	3.8	1.4	1	J
18	341	5.9	37	J	6.2	0	147	-5.1	3.3	0.5	1	J
19	337	5.7	33	J	6.1	6	149	-5.0	2.8	1.3	2	J
20	333	5.4	15	J	6.2	-7	156	-5.5	2.6	-0.1	1	J
21	333	5.4	17	J	6.1	-12	152	-5.0	2.9	-0.4	2	J
22	336	5.3	27	J	6.2	-11	150	-5.0	3.1	-0.2	2	J
23	346	6.0	33	J	6.4	5	139	-4.0	3.1	1.5	4	J
24	333	6.2	23	J	6.5	0	145	-4.8	3.2	1.1	3	J

JUN. 5, 1990 (156)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	333	7.2	48	J	6.5	0	136	-4.5	4.2	1.3	2	J
2	338	6.9	17	J	6.6	4	143	-4.6	3.3	1.3	3	J
3	330	7.4	18	J	6.7	2	150	-5.7	3.2	0.9	1	J
4	330	7.6	19	J	6.8	-14	153	-5.7	3.1	-1.1	2	J
5	328	7.4	14	J	7.1	-11	146	-5.7	4.0	-0.9	1	J
6	329	7.7	18	J	7.0	16	144	-5.3	3.7	2.1	2	J
7	329	7.3	10	J	7.1	20	151	-5.7	3.1	2.4	1	J
8	328	7.5	11	J	7.2	13	162	-6.5	2.2	1.5	2	J
9	328	7.6	17	J	6.8	-17	162	-5.9	1.8	-2.0	2	J
10	329	8.4	18	J	6.3	4	149	-5.3	3.2	0.1	1	J
11	325	9.3	22	J	5.8	-26	179	-4.9	-0.2	-2.4	2	J
12	322	9.4	23	J	5.5	-20	177	-5.1	0.1	-1.9	1	J
13												
14	333	9.4	17	J	5.4	-27	119	-2.2	3.9	-2.6	1	J
15	333	9.6	20	J	5.3	-27	144	-3.0	2.2	-1.9	3	J
16	335	10.6	13	J	5.5	-28	117	-2.1	4.2	-2.3	2	J
17	335	10.1	13	J	5.7	-13	117	-2.4	4.9	-0.8	1	J
18	336	9.8	18	J	5.3	-4	119	-2.5	4.5	0.4	1	J
19	335	10.0	19	J	5.0	6	132	-3.2	3.4	1.2	2	J
20	333	10.7	32	J	5.3	-8	146	-4.1	2.9	0.0	2	J
21					4.2	-48	142	-1.6	1.9	-1.8	3	J
22												
23					4.7	-9	159	-3.6	1.5	-0.1	3	J
24	318	17.1	13	J	4.0	-9	232	-1.9	-2.2	-1.2	2	J

JUN. 12, 1990 (163)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10					11.7	0	303	5.5	-8.4	1.2	6	J
11					13.2	-40	330	7.4	-5.4	-6.4	7	J
12					11.4	5	320	6.9	-5.6	1.7	7	J
13					13.4	-22	335	9.6	-5.0	-3.6	7	J
14					15.0	-23	317	9.2	-9.1	-4.3	6	J
15					13.9	-24	334	10.3	-5.4	-4.8	6	J
16					16.5	-44	357	11.2	-0.8	-10.8	5	J
17					17.8	-43	337	11.6	-4.4	-11.9	5	J
18					16.5	1	33	13.8	8.9	1.3	0	J
19					29.3	-9	57	14.9	23.3	-0.5	10	J
20	778	22.7	175	J	30.6	-19	31	22.9	15.4	-6.1	12	J
21	756	21.4	207	J	31.9	-28	358	27.8	2.7	-14.6	5	J
22	739	14.9	109	J	31.3	-28	358	27.4	2.9	-14.3	4	J
23	721	15.2	138	J	27.1	-23	354	24.4	0.3	-10.7	4	J
24	706	13.3	145	J	23.6	-6	352	22.6	-2.4	-3.1	6	J

JUN. 13, 1990 (164)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6	664	7.2	111	J	14.1	5	289	4.5	-13.1	1.1	3	J
7	663	6.9	135	J	12.6	-1	274	0.9	-12.5	0.3	2	J
8	665	5.5	111	J	12.4	-16	265	-1.0	-11.5	-2.2	4	J
9	662	8.1	89	J	10.3	0	268	-0.2	-6.8	0.9	8	J
10	629	12.8	52	J	10.0	57	250	-1.8	-3.7	8.9	2	J
11	619	11.4	91	J	9.8	80	121	-0.8	2.9	8.8	3	J
12	636	9.9	52	J	5.5	61	353	2.5	0.4	4.5	2	J
13					3.9	51	4	2.4	0.6	2.9	1	J
14					3.7	41	359	2.8	0.2	2.4	1	J
15	684	24.6	122	J	8.6	42	22	5.8	2.8	5.4	3	J
16	686	14.4	29	J	9.8	37	41	5.8	5.2	5.7	1	J
17	668	14.3	25	J	10.9	36	36	7.1	4.9	6.5	2	J
18	657	7.4	63	J	10.9	35	47	6.0	5.8	6.8	2	J
19	641	7.5	69	J	10.8	21	34	8.0	4.8	4.5	3	J
20	659	5.2	61	J	10.9	17	43	7.3	6.0	4.4	3	J
21												
22												
23												
24												

90-06-14 - 90-06-26

JUN. 14, 1990 (165)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2	682	16.3	78	J	9.1	-10	248	-3.2	-7.6	-3.1	2	J
3	696	31.5	88	J	6.1	-2	259	-1.1	-5.8	-1.1	2	J
4	721	43.2	102	J	20.3	26	252	-5.5	-17.7	6.8	7	J
5	731	24.6	84	J	24.2	32	253	-5.7	-19.1	11.1	8	J
6	732	19.1	94	J	19.6	35	257	-3.6	-15.5	11.1	4	J
7	706	20.3	118	J	16.4	28	252	-4.3	-13.0	8.1	4	J
8	692	18.2	116	J	15.2	36	278	1.6	-10.8	9.7	4	J
9	678	15.8	161	J	12.9	23	252	-3.6	-10.3	6.3	3	J
10	691	10.3	226	J	15.0	17	262	-1.9	-12.8	6.3	4	J
11	686	11.5	81	J	17.2	2	265	-1.5	-16.6	3.5	3	J
12	707	12.2	220	J	14.5	53	242	-2.2	-3.0	6.9	12	J
13	686	9.8	80	J	18.1	-42	279	1.6	-11.5	-7.5	12	J
14					17.5	-64	313	5.2	-7.5	-14.7	3	J
15					16.3	-59	303	4.5	-8.1	-13.2	3	J
16	665	11.2	26	J	14.1	-25	269	-0.2	-12.3	-5.3	5	J
17	658	13.0	54	J	13.3	18	263	-1.5	-12.5	3.7	2	J
18	692	15.6	171	J	13.1	39	263	-1.2	-10.7	7.2	2	J
19					12.3	54	263	-0.9	-8.6	8.8	1	J
20	676	8.0	430	J	11.7	56	258	-1.3	-8.1	8.2	1	J
21					11.6	60	252	-1.8	-7.6	8.4	1	J
22					15.3	62	251	-2.3	-9.9	11.4	5	J
23					15.3	61	248	-2.8	-10.0	11.1	5	J
24					11.3	66	245	-1.9	-6.6	9.0	1	J

JUN. 15, 1990 (166)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	622	4.3	558	J	11.2	78	263	-0.3	-4.6	10.1	2	J
2					11.1	82	312	1.0	-3.2	10.6	0	J
3												
4												
5												
6					8.7	67	107	-0.9	3.1	7.5	3	J
7	530	2.2	27	J	8.6	76	75	0.5	2.4	7.9	2	J
8	478	2.6	17	J	7.7	67	148	-2.5	2.3	6.8	2	J
9	459	4.6	104	J	7.1	54	151	-3.6	2.8	5.3	1	J
10	481	3.0	12	J	6.9	74	142	-1.5	2.3	6.3	1	J
11					6.8	71	99	-0.3	3.1	5.6	2	J
12					6.2	73	75	0.5	2.7	5.3	2	J
13	492	2.0	45	J	5.9	65	357	2.3	0.7	4.9	2	J
14					5.3	64	323	1.8	-0.7	4.7	2	J
15					5.3	-12	338	4.8	-2.0	-0.9	1	J
16					5.1	-17	336	4.5	-2.0	-1.4	1	J
17					5.0	-22	336	4.2	-1.8	-1.9	1	J
18	480	2.4	81	J	4.8	10	315	3.1	-3.2	0.5	2	J
19					4.5	8	315	2.9	-3.0	0.2	2	J
20					4.1	15	330	3.3	-2.1	0.6	1	J
21					4.2	24	328	3.2	-2.3	1.2	1	J
22					4.1	52	327	2.1	-2.1	2.7	1	J
23					4.2	-9	311	2.5	-2.7	-1.3	2	J
24					4.0	-9	304	2.2	-3.0	-1.4	0	J

JUN. 16, 1990 (167)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					3.9	-9	298	1.8	-3.1	-1.3	1	J
2					3.7	-11	309	2.2	-2.5	-1.1	1	J
3					3.8	-6	312	2.4	-2.6	-0.7	1	J
4												
5												
6												
7												
8					3.5	-19	323	2.6	-2.1	-0.9	1	J
9					3.7	26	322	2.5	-1.7	1.8	1	J
10					3.9	8	332	3.2	-1.6	0.8	1	J
11	394	5.7	293	J	3.9	18	325	2.9	-1.8	1.5	1	J
12	463	3.9	42	J	3.8	17	317	2.7	-2.2	1.6	1	J
13					4.0	-6	324	3.2	-2.4	0.0	1	J
14	441	3.0	8	J	4.1	10	322	3.1	-2.3	1.0	1	J
15					3.8	10	314	2.5	-2.5	0.9	1	J
16					3.6	-2	330	3.1	-1.8	0.0	0	J
17	416	2.5	22	J	3.8	1	322	3.0	-2.3	0.0	1	J
18	370	11.8	135	J	3.9	-4	322	3.1	-2.4	-0.5	0	J
19					4.3	0	318	3.2	-2.9	-0.4	1	J
20	416	5.3	45	J	4.5	18	307	2.5	-3.5	0.7	1	J
21	348	4.0	48	J	4.6	26	320	3.1	-3.0	1.4	1	J
22	401	2.9	7	J	4.6	24	324	3.3	-2.7	1.2	1	J
23	396	1.9	12	J	4.8	29	317	3.0	-3.3	1.5	1	J
24	394	2.6	7	J	4.7	38	313	2.5	-3.2	2.1	1	J

JUN. 17, 1990 (168)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	398	2.7	8	J	4.6	39	312	2.3	-3.1	2.2	0	J
2	392	2.6	8	J	4.5	44	314	2.2	-2.8	2.6	1	J
3	399	2.5	8	J	4.5	47	316	2.2	-2.6	3.0	1	J
4	390	4.6	9	J	4.5	50	315	2.0	-2.3	3.3	1	J
5	394	4.5	6	J	4.9	38	311	2.5	-3.0	2.9	1	J
6												
7												
8												
9												
10	381	3.8	17	J	5.2	20	325	4.0	-2.4	2.3	0	J
11	377	4.3	28	J	5.0	13	326	4.0	-2.5	1.6	1	J
12	359	4.8	35	J	5.0	12	337	4.5	-1.7	1.4	1	J
13	365	5.2	35	J	5.1	20	329	4.0	-2.1	2.1	1	J
14	366	5.7	38	J	5.0	16	328	4.1	-2.3	1.7	0	J
15	363	5.9	38	J	5.1	19	326	4.0	-2.5	1.9	0	J
16	369	4.4	38	J	5.1	17	326	4.0	-2.6	1.6	1	J
17	363	4.3	55	J	5.2	16	324	4.0	-3.0	1.4	1	J
18	362	3.1	9	J	5.2	-3	353	4.9	-0.6	-0.3	2	J
19	363	4.7	63	J	5.0	-16	13	4.7	1.2	-1.2	1	J
20	362	3.8	19	J	5.1	-8	7	4.9	0.7	-0.6	1	J
21	360	3.6	9	J	4.9	1	0	4.8	0.0	0.1	1	J
22	361	3.5	10	J	5.0	-1	352	4.9	-0.6	-0.2	1	J
23	361	3.9	10	J	5.0	2	354	5.0	-0.5	0.0	1	J
24	365	3.5	11	J	4.7	7	354	4.5	-0.6	0.4	1	J

JUN. 18, 1990 (169)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	367	5.4	23	J	5.8	17	333	4.9	-2.8	1.1	1	J
2	379	6.1	23	J	6.4	19	320	4.6	-4.1	1.4	1	J
3	375	6.3	45	J	6.6	8	323	4.7	-3.7	0.4	3	J
4	396	4.3	16	J	7.4	20	302	3.6	-5.9	2.0	2	J
5	390	4.5	47	J	7.1	-1	312	4.5	-5.0	-0.2	2	J
6	391	4.9	81	J	6.7	-10	340	5.8	-2.2	-1.0	2	J
7					7.2	4	307	4.2	-5.5	0.9	2	J
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

JUN. 24, 1990 (175)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8	375	¶1.8	91	J								
9	382	14.3	111	J								
10	378	13.4	124	J								
11	385	13.1	132	J								
12	385	13.6	107	J								
13	381	12.8	96	J								
14	375	12.4	82	J								
15												
16												
17												
18												
19												
20												
21												
22												
23	391	9.0	74	J	6.7	-25	161	-5.2	2.2	-2.2	3	J
24	392	8.9	76	J	6.3	8	136	-4.0	3.7	1.4	3	J

JUN. 25, 1990 (176)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	378	9.4	100	J	6.7	5	163	-5.9	1.7	0.8	2	J
2	407	8.6	51	J	6.6	1	102	-1.2	5.4	0.8	3	J
3	388	8.8	89	J	6.1	-3	131	-3.2	3.7	0.0	4	J
4	370	10.3	151	J	5.8	8	161	-5.1	1.7	0.8	2	J
5	380	8.2	103	J	5.7	1	166	-4.9	1.2	0.1	3	J
6	378	8.8	79	J	6.1	-5	155	-4.8	2.2	-0.6	3	J
7	392	9.3	67	J	6.9	-4	128	-3.7	4.7	-1.0	3	J
8	394	8.7	44	J	6.6	-3	114	-2.5	5.4	-1.3	3	J
9	391	8.1	59	J	5.9	-2	122	-2.5	3.9	-1.0	4	J
10	395	7.6	51	J	6.2	11	126	-3.3	4.7	0.0	2	J
11	401	7.7	49	J	6.1	19	125	-2.9	4.4	0.6	3	J
12	407	8.0	47	J	5.8	12	113	-1.5	3.5	-0.1	4	J
13	417	8.1	56	J	5.5	-27	93	-0.2	3.5	-3.0	3	J
14	395	8.0	67	J	6.1	20	154	-4.3	2.4	1.3	3	J
15	389	7.4	68	J	5.9	21	204	-4.7	-1.7	2.3	2	J
16	397	7.3	57	J	6.0	47	174	-3.9	0.9	4.1	2	J
17	398	6.9	54	J	5.7	25	158	-3.3	1.4	1.6	4	J
18	409	8.4	65	J	6.2	-28	143	-4.0	3.1	-2.6	3	J
19	422	7.6	50	J	6.0	-45	93	-0.1	2.3	-2.0	5	J
20	403	7.5	51	J	6.7	4	138	-4.6	4.1	0.9	3	J
21	414	6.3	52	J	6.5	-22	159	-4.8	2.1	-1.8	3	J
22	420	6.9	73	J	6.0	28	152	-3.6	1.5	2.5	4	J
23	445	7.5	78	J	5.9	21	115	-1.6	3.1	2.0	4	J
24	415	8.5	108	J	5.9	11	167	-5.0	1.0	1.2	3	J

JUN. 26, 1990 (177)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	432	8.5	131	J	5.9	31	211	-3.9	-2.7	2.4	3	J
2												
3												
4												
5	439	7.4	71	J	5.1	-6	110	-1.4	3.9	-0.6	3	J
6	424	6.7	60	J	5.0	-28	199	-3.3	-1.3	-1.8	3	J
7	424	6.8	71	J	4.9	-34	154	-3.0	1.1	-2.4	3	J
8	428	6.3	58	J	4.6	-11	150	-2.1	1.1	-0.7	4	J
9					5.1	-49	188	-3.0	-1.2	-3.3	2	J
10	425	6.1	65	J	5.1	-23	126	-2.4	2.8	-2.5	3	J
11	417	5.3	38	J	5.1	-31	149	-3.3	1.3	-2.7	2	J
12												
13												
14	427	5.7	50	J	4.4	38	117	-1.4	3.2	1.8	2	J
15	422	5.7	42	J	4.7	25	114	-1.6	3.8	1.2	2	J
16	426	5.7	43	J	4.5	-24	104	-0.9	3.4	-2.1	2	J
17	428	5.6	49	J	4.2	-28	93	-0.2	3.5	-2.1	1	J
18	426	5.9	41	J	4.3	-37	105	-0.8	2.9	-2.3	2	J
19	411	5.1	28	J	4.3	-39	157	-2.8	1.3	-2.4	2	J
20	411	5.6	32	J	4.4	-36	206	-2.8	-1.1	-2.4	2	J
21	410	5.5	27	J	4.5	-32	202	-2.8	-0.9	-2.1	3	J
22	407	5.6	26	J	4.6	-11	203	-3.3	-1.3	-0.9	3	J
23	402	6.0	32	J	4.9	-18	217	-3.6	-2.4	-1.9	1	J
24	408	6.1	27	J	4.8	1	213	-2.8	-1.8	-0.2	4	J

90-06-27 - 90-07-09

JUN. 27, 1990 (178)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	401	6.5	43	J	4.8	29	178	-3.6	-0.2	2.0	2	J
2	396	6.7	60	J	4.8	18	191	-4.3	-1.0	1.3	1	J
3												
4												
5	384	7.4	30	J	5.6	47	176	-3.7	0.4	3.9	2	J
6	378	7.9	52	J	5.8	25	164	-4.8	1.6	2.2	2	J
7	374	8.8	72	J	5.7	11	157	-4.4	2.0	0.7	3	J
8	387	9.2	46	J	6.4	-22	143	-4.4	2.8	-2.8	3	J
9	377	9.1	38	J	6.4	-4	155	-4.8	2.1	-0.9	4	J
10	387	9.8	36	J	6.8	-5	128	-3.7	4.5	-1.7	3	J
11	366	11.1	20	J	8.1	9	134	-5.4	5.7	-0.3	2	J
12	399	15.3	19	J	8.4	-18	102	-1.6	6.6	-4.4	3	J
13	397	13.4	13	J	9.6	-28	68	3.1	6.3	-6.2	2	J
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

JUN. 28, 1990 (179)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	461	7.5	65	J	4.5	40	126	-1.7	2.9	1.8	2	J
15	450	7.3	77	J	4.5	48	155	-2.5	1.8	2.8	2	J
16	423	7.6	121	J	5.5	7	149	-4.3	2.7	0.3	2	J
17	415	6.9	57	J	6.2	17	153	-4.7	2.5	1.4	3	J
18	413	6.6	43	J	6.6	33	158	-5.0	2.0	3.5	2	J
19	406	6.7	28	J	6.5	14	161	-5.7	1.9	1.6	2	J
20	406	7.0	30	J	6.6	31	153	-5.0	2.2	3.6	1	J
21	398	7.4	39	J	6.8	16	164	-6.1	1.5	2.0	1	J
22	399	6.5	23	J	7.4	22	149	-5.9	3.1	3.3	1	J
23	395	7.2	35	J	7.2	25	156	-5.9	2.1	3.4	1	J
24	396	7.5	33	J	7.1	30	147	-5.1	2.8	3.9	1	J

JUN. 29, 1990 (180)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	398	8.0	32	J	7.4	45	141	-3.9	2.5	5.4	2	J
2	397	8.9	34	J	7.8	37	132	-4.0	4.0	4.9	2	J
3	398	9.5	38	J	8.3	41	130	-3.9	4.4	5.5	2	J
4	408	13.5	50	J	7.0	23	114	-1.3	2.9	1.4	6	J
5	421	17.9	75	J	5.4	-56	339	2.7	-1.2	-4.2	2	J
6	424	17.2	91	J	6.4	-30	248	-1.5	-3.9	-1.9	5	J
7	416	16.7	118	J	3.7	-7	253	-0.7	-2.4	0.1	3	J
8												
9	440	16.1	56	J	2.8	1	290	0.9	-2.5	0.6	1	J
10	444	15.0	50	J	2.8	0	293	1.1	-2.4	0.7	1	J
11	439	8.3	73	J	5.4	-32	247	-1.6	-4.2	-1.4	3	J
12	408	4.7	60	J	6.4	-16	323	4.3	-3.5	-0.6	3	J
13	406	4.0	45	J	6.6	-23	341	5.5	-2.5	-1.9	2	J
14	396	4.2	44	J	6.3	-14	299	2.2	-4.1	-0.2	4	J
15	394	4.9	97	J	6.8	-22	329	5.1	-3.5	-1.8	2	J
16	403	4.5	50	J	6.4	-31	328	4.4	-3.2	-2.7	2	J
17	401	4.3	71	J	5.9	-18	324	4.5	-3.4	-1.5	1	J
18	410	4.0	28	J	5.7	-22	329	4.4	-2.7	-2.0	1	J
19	404	4.0	34	J	5.4	-13	329	4.3	-2.6	-1.3	1	J
20	403	4.0	37	J	5.4	-11	331	4.4	-2.3	-1.2	2	J
21	402	3.9	37	J	5.4	-8	333	4.5	-2.2	-1.0	2	J
22	404	3.9	35	J	5.1	-11	331	4.4	-2.3	-1.3	1	J
23	395	4.7	69	J	4.9	-9	343	4.5	-1.3	-0.9	1	J
24	394	4.5	71	J	5.2	-1	339	4.8	-1.8	-0.3	1	J

JUN. 30, 1990 (181)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	392	4.5	66	J	5.3	-8	332	4.6	-2.4	-1.0	1	J
2	391	4.2	65	J	5.6	-4	336	5.0	-2.2	-0.6	1	J
3	381	5.2	40	J	5.2	4	319	3.9	-3.4	0.2	1	J
4	372	5.5	48	J	5.3	4	325	4.3	-3.0	0.4	1	J
5	386	4.2	31	J	5.8	3	318	4.2	-3.8	0.5	1	J
6	394	3.4	24	J	6.0	4	327	5.0	-3.2	0.8	0	J
7												
8												
9												
10												
11												
12												
13	371	5.8	30	J	2.6	-12	282	0.4	-2.2	0.1	1	J
14	376	5.9	30	J	3.6	2	229	-2.1	-2.3	0.7	2	J
15	363	6.1	35	J	3.4	-48	292	0.7	-2.2	-1.7	2	J
16	367	5.8	33	J	3.1	-57	234	-0.8	-1.4	-1.9	2	J
17	356	5.6	45	J	3.9	16	313	2.5	-2.6	1.3	1	J
18	346	6.3	62	J	3.0	8	316	2.1	-2.0	0.5	1	J
19	342	6.3	79	J	2.9	-13	349	2.5	-0.5	-0.6	1	J
20	341	6.2	50	J	3.1	-3	340	2.6	-0.9	-0.2	2	J
21	340	5.9	51	J	2.5	-16	357	2.2	0.0	-0.6	1	J
22	339	5.9	36	J	2.6	-35	7	2.0	0.4	-1.3	1	J
23	337	5.5	25	J	3.3	-21	21	2.3	1.0	-0.8	2	J
24	331	5.8	30	J	3.3	-20	1	2.9	0.2	-1.0	1	J

JUL. 1, 1990 (182)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	333	5.7	34	J	3.3	-9	1	3.0	0.1	-0.5	1	J
2	330	5.6	24	J	3.4	15	8	2.9	0.3	0.8	1	J
3	335	5.8	20	J	3.2	-47	347	1.9	-0.4	-2.1	1	J
4	333	5.9	22	J	3.1	-30	325	1.9	-1.4	-1.3	2	J
5	331	5.9	29	J	2.9	-23	340	1.7	-0.7	-0.7	2	J
6	325	7.0	26	J	3.6	-29	20	2.7	0.8	-1.7	1	J
7					3.6	-21	330	2.7	-1.8	-0.9	1	J
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

JUL. 7, 1990 (188)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5	352	7.8	40	J	6.7	-23	305	3.3	-4.9	-1.9	2	J
6												
7												
8	339	8.3	29	J	7.6	-20	300	3.4	-6.3	-0.9	2	J
9	339	8.2	25	J	7.4	-28	298	2.9	-6.3	-1.6	2	J
10	331	7.4	21	J	6.7	-13	317	4.6	-4.5	0.0	2	J
11	331	6.9	17	J	6.9	-9	309	4.0	-5.0	0.7	2	J
12	329	6.9	16	J	7.1	-14	300	3.3	-5.9	0.3	2	J
13	323	6.6	18	J	6.8	-24	308	3.7	-5.3	-1.0	2	J
14	325	7.1	20	J	7.3	-28	317	4.3	-4.7	-1.8	3	J
15	319	6.4	23	J	6.7	-13	339	5.1	-2.2	-0.7	4	J
16	309	6.2	19	J	6.7	5	348	6.4	-1.2	0.8	1	J
17												
18												
19												
20												
21												
22												
23												
24												

JUL. 8, 1990 (189)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4					10.3	-25	297	4.2	-8.5	-3.8	1	J
5					10.3	-34	312	5.5	-6.7	-4.8	3	J
6					9.0	-35	317	5.2	-5.6	-4.1	2	J
7	362	3.5	80	J	8.6	-36	324	5.6	-5.0	-4.0	1	J
8	358	3.8	84	J	8.4	-35	337	6.0	-3.7	-3.8	2	J
9					8.4	-37	347	6.3	-2.8	-4.2	2	J
10					8.1	-36	334	5.8	-4.2	-3.5	1	J
11					7.2	-38	349	5.0	-2.3	-3.4	3	J
12					6.6	-31	10	5.5	-0.2	-3.5	1	J
13					6.9	-15	351	6.4	-1.5	-1.3	2	J
14					6.4	-34	36	3.5	1.6	-3.5	4	J
15					6.1	-23	74	1.0	3.0	-2.4	5	J
16					6.2	-32	59	2.5	3.4	-3.8	2	J
17					6.9	-33	57	3.1	4.1	-4.3	2	J
18					8.4	0	269	-0.1	-7.6	0.6	4	J
19					8.9	-9	276	0.9	-8.6	-1.1	1	J
20												
21												
22												
23												
24												

JUL. 9, 1990 (190)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					8.6	-27	294	3.0	-6.5	-4.1	2	J
2					14.2	-34	265	-1.0	-11.5	-8.1	1	J
3					10.3	-23	279	1.4	-9.2	-3.7	4	J
4					8.0	0	291	2.7	-6.9	0.5	3	J
5					7.9	68	308	1.6	-1.3	6.7	4	J
6					6.0	41	252	-0.6	-1.5	2.0	6	J
7					5.2	34	139	-2.4	2.5	1.6	4	J
8					6.8	58	138	-2.3	3.3	4.3	3	J
9					5.9	75	166	-1.1	1.5	4.0	4	J
10					6.5	51	160	-3.3	2.5	3.7	3	J
11					6.7	37	186	-4.6	0.7	3.4	3	J
12					6.6	70	187	-1.8	1.5	4.8	4	J
13					6.9	61	121	-1.5	4.1	4.2	3	J
14					8.8	51	261	-0.8	-3.0	7.8	3	J
15					9.1	24	320	5.8	-3.8	4.5	4	J
16					9.2	2	330	7.4	-4.1	1.2	3	J
17					8.2	42	334	3.9	-1.3	4.1	6	J
18					7.8	9	311	5.0	-5.6	1.7	1	J
19					7.3	11	302	3.5	-5.6	1.5	3	J
20					7.6	24	279	1.1	-6.8	2.9	1	J
21					7.5	13	284	1.8	-7.2	1.3	1	J
22					7.1	4	285	1.8	-6.9	0.0	1	J
23					7.0	5	289	2.3	-6.6	0.1	1	J
24					6.9	4	286	1.9	-6.6	0.0	0	J

JUL. 10, 1990 (191)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2					6.7	1	294	2.7	-6.0	0.0	1	J	
3					6.9	9	295	2.8	-6.1	1.2	1	J	
4					7.1	3	293	2.7	-6.4	0.8	1	J	
5					9.3	-15	287	2.2	-7.4	-1.1	6	J	
6					13.8	75	338	1.8	0.6	7.4	12	J	
7	462	12.7	254	J	13.2	58	279	1.0	-3.8	11.3	5	J	
8													
9													
10													
11	462	5.8	113	J	18.2	30	273	0.8	-11.6	14.0	2	J	
12	476	7.9	119	J	15.9	8	258	-2.2	-9.4	5.1	12	J	
13	477	7.6	151	J	15.9	36	275	1.0	-8.3	12.2	6	J	
14	479	15.5	187	J	12.3	58	271	0.1	-2.9	11.6	3	J	
15	463	10.3	152	J	11.7	65	266	-0.3	-1.8	11.0	4	J	
16	457	4.7	56	J	14.4	62	289	2.2	-3.4	13.6	2	J	
17	462	4.2	40	J	14.5	59	296	3.3	-4.6	13.2	2	J	
18	450	5.4	31	J	13.8	60	277	0.8	-5.6	12.4	3	J	
19	446	5.1	35	J	13.0	58	274	0.5	-6.3	11.1	3	J	
20	441	5.6	30	J	12.3	53	282	1.5	-7.2	9.6	2	J	
21	438	4.1	26	J	12.5	54	277	0.9	-7.7	9.7	2	J	
22					11.9	64	292	1.9	-5.5	10.3	2	J	
23	431	3.9	50	J	11.4	66	257	-0.9	-4.6	8.7	6	J	
24	426	5.5	38	J	10.2	62	281	0.9	-4.9	8.2	4	J	

JUL. 11, 1990 (192)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	425	4.7	24	J	10.3	37	279	1.3	-8.3	5.8	2	J	
2	401	7.0	106	J	10.5	37	282	1.7	-8.2	6.2	1	J	
3													
4													
5													
6					9.0	-2	291	3.2	-8.3	1.2	0	J	
7					8.5	-9	292	3.1	-7.9	0.5	1	J	
8					7.5	-3	292	2.8	-6.8	1.6	1	J	
9					6.3	7	299	3.0	-4.9	2.4	1	J	
10					5.6	0	296	2.5	-4.7	1.7	1	J	
11					5.2	-4	297	2.4	-4.5	1.3	0	J	
12					5.3	-5	308	3.3	-4.1	1.0	1	J	
13					5.0	-10	298	2.3	-4.4	0.7	0	J	
14	461	13.9	58	J	5.0	-11	295	2.1	-4.5	0.5	0	J	
15	382	20.1	1410	J	5.1	-17	300	2.4	-4.5	-0.3	1	J	
16	369	18.9	155	J	5.1	-18	308	2.9	-4.0	-0.7	1	J	
17	400	16.7	268	J	5.3	-15	315	3.6	-3.7	-0.7	1	J	
18	415	8.8	23	J	5.4	-20	321	3.9	-3.4	-1.5	0	J	
19					5.3	-29	323	3.7	-2.9	-2.4	0	J	
20					4.9	-41	320	2.8	-2.4	-3.2		J	
21													
22													
23					4.9	-29	319	3.2	-2.7	-2.6	0	J	
24					4.8	-22	323	3.6	-2.6	-1.9	0	J	

JUL. 12, 1990 (193)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1					4.9	-14	321	3.6	-2.9	-1.3	1	J	
2	408	9.3	129	J	5.3	-25	315	3.3	-3.3	-2.2	2	J	
3	392	4.0	9	J	5.4	-28	313	3.3	-3.6	-2.4	1	J	
4	379	3.5	23	J	5.2	-26	332	4.0	-2.3	-2.0	2	J	
5					4.6	-53	22	2.5	0.5	-3.6	1	J	
6													
7													
8													
9													
10					5.6	-72	319	1.3	-2.8	-4.4	1	J	
11					5.4	-56	339	2.8	-2.6	-3.7	1	J	
12	389	4.4	16	J	4.5	-3	301	1.4	-2.3	0.7	4	J	
13	381	4.0	30	J	4.3	56	10	1.9	1.3	2.5	3	J	
14	369	4.2	35	J	4.7	38	7	2.3	0.9	1.7	4	J	
15					3.9	66	289	0.4	-0.3	2.8	3	J	
16													
17					4.8	-10	287	1.4	-4.6	-0.1	1	J	
18					5.0	-4	300	2.4	-4.2	0.1	1	J	
19					5.1	3	302	2.7	-4.3	0.5	0	J	
20					5.1	21	286	1.3	-4.4	1.8	1	J	
21													
22													
23													
24													

JUL. 19, 1990 (200)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7													
8	360	23.7	24	J									
9	360	27.7	31	J									
10	359	32.3	30	J									
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													

JUL. 20, 1990 (201)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3					11.3	33	5	7.4	1.1	4.8	7	J	
4					10.9	-13	167	-7.1	1.4	-1.9	8	J	
5	482	10.9	175	J	10.9	-8	138	-7.0	5.9	-2.5	5	J	
6	499	8.1	190	J	10.0	6	119	-4.4	8.0	-1.0	4	J	
7	510	7.3	166	J	9.9	-2	128	-5.7	6.9	-2.4	3	J	
8	525	8.4	147	J	9.4	-26	166	-7.7	0.5	-4.3	3	J	
9	546	8.5	217	J	8.6	-5	133	-4.6	4.3	-2.3	5	J	
10	543	8.0	192	J	8.2	20	120	-3.5	6.6	0.0	3	J	
11	539	7.5	190	J	8.1	26	129	-3.7	5.3	0.8	5	J	
12	548	7.3	165	J	7.4	-15	119	-2.6	3.7	-3.2	5	J	
13	541	6.7	155	J	6.6	-8	126	-2.9	3.3	-2.2	4	J	
14	527	5.3	112	J	6.4	9	144	-4.3	3.2	-0.4	3	J	
15	524	5.1	106	J	5.6	29	181	-4.1	0.7	2.2	3	J	
16	509	4.0	63	J	5.9	12	183	-5.0	0.0	1.1	3	J	
17	503	3.9	49	J	5.7	-1	179	-5.0	0.1	-0.1	3	J	
18	496	3.0	56	J	5.8	-9	148	-4.8	2.8	-1.4	1	J	
19	532	3.6	133	J	5.3	-39	160	-3.4	0.9	-3.0	3	J	
20	531	3.6	139	J	5.2	-7	145	-3.1	2.1	-0.6	4	J	
21	511	3.5	186	J	4.7	-15	136	-2.6	2.5	-1.0	3	J	
22	546	3.5	120	J	4.5	11	175	-2.4	0.2	0.5	4	J	
23	549	3.4	80	J	5.0	23	233	-2.2	-2.9	1.5	3	J	
24	552	3.6	83	J	4.8	8	250	-1.4	-3.9	0.6	2	J	

JUL. 21, 1990 (202)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3	545	1.8	46	J	6.1	28	161	-4.9	2.0	2.6	1	J	
4	537	1.8	57	J	5.6	18	161	-4.8	1.9	1.4	2	J	
5	533	1.4	70	J	5.9	13	154	-5.0	2.6	0.8	1	J	
6	521	2.2	83	J	5.5	20	156	-4.5	2.4	1.3	1	J	
7	498	1.9	159	J	5.1	10	156	-4.3	2.1	0.2	1	J	
8	518	1.2	106	J	4.4	7	163	-3.8	1.3	0.1	2	J	
9					5.0	10	136	-3.4	3.4	-0.4	2	J	
10	498	2.0	87	J	4.7	0	127	-2.8	3.4	-1.5	1	J	
11	503	2.3	63	J	4.2	-4	130	-2.6	2.7	-1.5	1	J	
12	507	2.4	49	J	3.6	-14	122	-1.7	2.1	-1.8	1	J	
13	498	2.6	54	J	3.5	-1	124	-1.8	2.5	-1.1	1	J	
14	486	3.6	60	J	3.6	-19	125	-1.7	1.9	-1.8	2	J	
15	487	4.5	82	J	3.4	-31	186	-2.0	-0.6	-1.1	3	J	
16	481	5.3	78	J	4.0	-21	188	-2.8	-0.7	-0.9	3	J	
17	476	5.7	82	J	4.1	-28	202	-3.0	-1.6	-1.4	2	J	
18	466	6.0	84	J	4.5	-19	205	-3.8	-2.0	-1.1	1	J	
19	461	7.0	144	J	4.4	-8	192	-4.1	-0.9	-0.5	1	J	
20	466	7.2	96	J	4.5	5	192	-4.0	-0.8	0.4	2	J	
21	465	7.8	91	J	4.5	-15	172	-3.7	0.5	-1.0	2	J	
22													
23													
24													

JUL. 22, 1990 (203)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4	455	4.6	38	J	4.5	16	114	-1.5	3.5	0.6	2	J	
5	459	4.9	62	J	4.1	18	103	-0.8	3.7	0.4	2	J	
6	473	4.8	37	J	4.3	21	77	0.8	3.6	0.4	2	J	
7	462	4.7	41	J	4.5	11	100	-0.7	3.9	-0.4	2	J	
8	453	4.3	45	J	4.5	13	115	-1.6	3.4	-0.3	2	J	
9	445	3.4	53	J	5.0	9	150	-3.1	1.9	-0.1	4	J	
10	434	3.1	86	J	5.4	14	190	-5.0	-0.3	1.5	1	J	
11	437	3.3	78	J	5.3	26	172	-4.6	1.5	1.8	1	J	
12	439	3.9	61	J	5.3	31	174	-3.9	1.4	2.0	3	J	
13	476	4.5	33	J	5.1	-13	65	1.9	3.4	-2.6	2	J	
14	480	4.6	34	J	5.0	0	60	2.3	3.7	-1.5	2	J	
15	445	2.7	44	J	5.4	19	133	-2.6	3.1	0.3	4	J	
16	440	2.9	52	J	5.7	28	138	-3.5	3.8	1.5	1	J	
17	447	2.7	44	J	5.7	50	186	-3.2	0.6	3.8	3	J	
18	448	2.8	54	J	5.7	45	178	-3.7	0.8	3.6	2	J	
19	457	3.2	47	J	6.2	60	167	-2.6	1.2	4.6	3	J	
20	456	3.4	51	J	6.1	22	109	-1.7	5.1	1.8	2	J	
21	471	3.3	45	J	6.0	-15	84	0.5	4.8	-1.5	3	J	
22	487	3.1	45	J	5.7	-3	71	1.7	5.0	-0.3	2	J	
23	486	3.0	38	J	5.8	-1	65	2.4	5.1	-0.1	2	J	
24	434	2.0	48	J	6.0	10	140	-4.1	3.5	0.9	2	J	

JUL. 23, 1990 (204)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1					6.1	19	137	-4.1	3.9	1.8	1	J	
2													
3													
4													
5													
6	449	2.7	41	J	5.8	26	168	-5.0	1.7	2.1	1	J	
7	444	2.7	44	J	6.0	24	176	-5.4	1.1	2.2	1	J	
8					6.1	25	160	-5.0	2.6	1.7	1	J	
9	435	2.7	38	J	6.2	17	159	-5.3	2.5	0.8	2	J	
10	429	2.7	41	J	6.6	25	160	-5.4	2.9	1.6	2	J	
11	428	2.9	46	J	6.5	18	154	-5.5	3.3	0.7	1	J	
12	422	3.0	62	J	6.3	13	145	-4.9	3.7	-0.2	1	J	
13					6.2	8	151	-5.4	3.1	-0.4	1	J	
14					6.3	4	152	-5.4	2.8	-0.7	1	J	
15					5.9	7	146	-4.8	3.3	-0.4	1	J	
16	406	2.4	21	J	5.7	7	143	-4.4	3.4	-0.3	1	J	
17	420	4.0	21	J	5.3	-8	72	1.5	4.4	-1.8	2	J	
18					5.4	-5	76	1.3	5.0	-1.4	1	J	
19					5.3	-19	76	1.2	4.5	-2.3	1	J	
20	398	3.5	16	J	5.2	4	93	-0.3	5.0	0.0	1	J	
21	400	3.4	15	J	4.9	-10	95	-0.4	4.6	-1.0	2	J	
22	394	4.2	27	J	4.3	-1	102	-0.7	3.5	-0.1	2	J	
23					4.8	24	154	-3.5	1.7	1.7	2	J	
24	380	2.8	84	J	5.0	16	174	-4.6	0.5	1.3	1	J	

90-07-24 - 90-08-05

JUL. 24, 1990 (205)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	379	3.2	80	J	5.0	39	189	-3.8	-0.5	3.1	1	J
2	372	3.4	59	J	5.1	34	203	-3.8	-1.4	2.9	1	J
3	373	2.9	37	J	4.4	-1	153	-3.4	1.7	-0.3	2	J
4	399	3.5	36	J	4.0	-40	103	-0.7	2.4	-2.9	1	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16	369	3.4	38	J	2.8	-8	145	-1.9	1.2	-0.7	2	J
17	360	3.8	55	J	3.3	11	186	-2.9	-0.2	0.6	2	J
18	356	3.7	59	J	3.3	23	170	-2.5	0.6	1.0	2	J
19					3.4	-37	104	-0.6	2.1	-2.2	1	J
20	361	3.4	17	J	3.7	26	163	-2.7	0.9	1.3	2	J
21	353	3.6	29	J	3.8	27	187	-3.3	-0.3	1.7	1	J
22	353	3.6	22	J	4.1	27	196	-3.4	-0.9	1.8	1	J
23	361	4.8	28	J	4.1	32	190	-3.3	-0.5	2.1	1	J
24	368	6.5	22	J	4.9	31	130	-2.5	3.1	2.3	2	J

JUL. 25, 1990 (206)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	373	7.1	21	J	4.1	4	99	-0.4	2.7	0.1	3	J
2	373	7.4	27	J	4.0	22	165	-3.0	0.9	1.2	2	J
3					4.9	22	114	-1.8	4.2	1.3	1	J
4					4.3	0	95	-0.3	3.7	-0.6	2	J
5					4.5	35	120	-1.6	3.1	1.5	3	J
6					4.8	44	149	-2.7	2.3	2.4	2	J
7					4.3	-20	80	0.6	3.0	-2.4	2	J
8					4.5	-15	80	0.7	3.2	-2.3	2	J
9					4.4	30	119	-1.7	3.7	0.7	2	J
10					5.1	40	125	-1.5	2.9	1.1	4	J
11					5.8	2	283	1.3	-4.8	2.5	2	J
12					5.7	14	277	0.7	-4.3	3.5	1	J
13					5.4	30	272	0.2	-3.1	4.3	2	J
14					3.5	73	236	-0.5	0.5	3.1	2	J
15					3.2	-27	360	2.3	-0.4	-1.1	2	J
16					3.0	68	36	0.8	1.3	2.2	1	J
17					4.0	52	358	2.4	0.7	3.0	1	J
18					5.4	26	353	4.8	-0.1	2.4	1	J
19					6.0	17	355	5.7	-0.3	1.8	1	J
20					6.5	8	0	6.4	0.1	0.9	1	J
21					5.7	12	8	5.4	0.8	1.1	1	J
22	357	17.6	23	J	5.5	32	14	4.4	1.2	2.8	1	J
23	346	18.0	17	J	4.9	45	14	3.4	0.9	3.4	0	J
24	344	18.7	17	J	5.1	40	4	3.9	0.4	3.3	0	J

JUL. 26, 1990 (207)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	345	17.2	16	J	5.5	38	358	4.3	0.0	3.3	1	J
2	346	16.0	14	J	6.0	31	349	5.0	-0.7	3.2	1	J
3					7.1	15	346	6.6	-1.4	2.0	1	J
4	362	13.0	8	J								
5	359	13.3	8	J								
6	351	14.3	16	J								
7	357	14.7	42	J								
8	348	11.1	54	J								
9	348	11.5	36	J								
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20	358	19.6	57	J								
21												
22												
23												
24												

AUG. 1, 1990 (213)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2	377	8.8	80	J								
3	377	7.0	52	J								
4	354	9.5	102	J								
5	393	7.3	27	J								
6	388	7.5	27	J	5.3	74	176	-0.8	0.9	2.5	5	J
7	375	7.4	31	J	4.5	2	289	1.1	-2.9	1.2	3	J
8	398	11.1	50	J	5.9	4	312	2.6	-2.6	1.4	6	J
9	484	18.2	166	J	15.8	-9	322	11.4	-9.0	1.7	6	J
10	499	20.9	153	J	13.9	38	305	5.8	-3.8	10.8	6	J
11	486	21.2	184	J	11.9	59	344	4.3	2.3	7.1	8	J
12	475	15.1	95	J	15.3	22	313	9.5	-6.4	9.7	4	J
13	467	15.4	149	J	14.7	-36	331	8.1	-7.0	-4.0	9	J
14	497	12.0	211	J	14.5	-41	316	6.8	-9.4	-4.6	7	J
15	503	10.3	231	J	13.1	-32	317	7.5	-8.9	-3.2	5	J
16	544	9.0	176	J	13.7	28	291	3.9	-7.6	8.9	6	J
17												
18	609	4.9	482	J	13.5	-6	334	11.9	-6.0	0.0	2	J
19	584	4.4	264	J	14.7	-24	339	12.4	-5.7	-5.0	2	J
20	550	4.0	167	J	15.4	-20	345	13.7	-4.3	-4.7	2	J
21	544	4.9	245	J	15.0	-21	330	11.3	-7.0	-4.4	5	J
22	530	5.3	299	J	14.2	-22	336	11.4	-5.4	-4.7	4	J
23	531	5.8	307	J	13.5	-19	320	9.5	-8.2	-3.7	3	J
24												

AUG. 2, 1990 (214)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2	472	5.6	123	J	11.8	-4	292	4.3	-10.7	0.5	2	J
3	459	4.7	115	J	10.3	-9	335	8.4	-4.1	-0.8	4	J
4	490	3.8	160	J	10.7	0	349	9.6	-1.8	0.4	4	J
5	483	4.1	212	J	10.0	10	322	7.2	-5.0	3.0	4	J
6	486	4.3	186	J	10.7	12	300	4.8	-7.3	4.6	4	J
7	480	3.8	245	J	9.8	-18	323	7.0	-5.9	-0.8	3	J
8					11.4	-6	296	4.8	-9.5	2.9	3	J
9					11.8	1	299	5.6	-9.0	4.5	2	J
10					11.2	14	289	3.4	-7.7	6.9	2	J
11					10.4	26	303	4.7	-4.4	7.0	4	J
12					10.7	11	301	5.2	-6.7	5.7	3	J
13					10.2	-4	325	7.6	-5.0	1.8	4	J
14					9.0	19	333	7.2	-2.1	4.1	3	J
15					8.2	10	340	7.2	-1.9	2.3	2	J
16					8.0	13	338	6.9	-2.0	2.6	2	J
17					7.7	25	334	6.1	-1.9	3.9	1	J
18					7.2	9	343	6.4	-1.7	1.5	2	J
19					7.3	11	339	6.3	-2.2	1.7	2	J
20					7.4	14	342	6.6	-1.9	2.0	2	J
21					6.7	-2	343	5.7	-1.8	0.0	3	J
22					7.3	-42	313	3.3	-3.9	-4.1	3	J
23					7.6	-31	298	2.9	-5.7	-3.3	2	J
24					6.9	-15	302	3.4	-5.6	-1.3	2	J

AUG. 3, 1990 (215)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2					6.5	-26	323	4.4	-3.5	-2.3	2	J
3					7.1	-7	305	3.9	-5.6	-0.1	2	J
4					7.7	6	296	3.2	-6.3	-1.9	2	J
5					6.7	9	284	1.5	-5.8	2.3	2	J
6					6.5	9	283	1.4	-5.6	2.6	1	J
7					6.2	-3	316	4.2	-4.0	1.0	2	J
8					5.8	-17	337	4.7	-2.4	-0.7	2	J
9	488	1.3	27	J	5.4	-6	335	4.6	-2.2	0.4	2	J
10	496	1.6	35	J	5.6	-34	350	4.2	-1.9	-2.3	2	J
11	493	1.5	36	J	5.3	-41	24	3.4	-0.1	-3.6	2	J
12	474	1.3	80	J	5.2	-46	15	3.4	-0.9	-3.7	1	J
13					5.1	-20	343	4.4	-2.0	-0.8	2	J
14	491	2.8	29	J	5.2	-23	323	3.4	-3.1	-0.4	2	J
15	482	2.8	59	J	4.8	-48	18	2.9	-0.6	-3.4	2	J
16	472	3.0	69	J	4.8	-8	288	1.2	-3.6	1.0	3	J
17	478	3.3	59	J	5.0	8	351	3.9	-0.4	0.7	3	J
18					4.9	14	288	0.9	-2.4	1.5	4	J
19	490	3.2	56	J	5.1	-29	255	-1.1	-4.5	-1.3	2	J
20					4.7	-43	294	1.2	-3.1	-2.1	3	J
21	470	3.1	45	J	4.8	-28	324	3.0	-2.4	-1.7	2	J
22	465	3.3	47	J	5.1	-40	325	2.9	-2.4	-2.8	2	J
23	465	3.5	49	J	5.2	-19	306	2.7	-3.8	-1.3	2	J
24	452	4.6	87	J	4.8	-48	11	2.8	0.3	-3.2	2	J
					4.9	-40	354	3.4	-0.6	-2.9	2	J

AUG. 4, 1990 (216)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	458	3.3	29	J	4.9	-29	330	3.0	-1.9	-1.7	3	J
2	452	2.9	23	J	5.0	-12	311	3.0	-3.5	-0.5	2	J
3												
4					5.0	-4	354	4.9	-0.6	-0.2	1	J
5	409	2.6	91	J	4.5	2	349	3.5	-0.6	0.3	3	J
6	412	2.9	77	J	4.6	-28	351	3.6	-1.2	-1.6	2	J
7	429	3.3	58	J	4.9	-13	332	3.2	-1.9	-0.2	3	J
8	440	2.9	32	J	4.8	-23	298	2.0	-4.1	-0.1	2	J
9	438	2.7	27	J	4.9	21	300	2.0	-2.4	2.9	2	J
10	415	3.9	70	J	5.0	-1	328	3.8	-2.1	1.0	2	J
11	416	3.3	54	J	5.1	6	308	2.9	-3.1	2.2	2	J
12					5.0	-3	303	2.4	-3.4	1.6	2	J
13	416	3.2	46	J	4.8	0	315	2.5	-2.3	1.2	3	J
14	406	2.9	51	J	4.6	27	1	3.7	0.9	1.6	2	J
15	419	2.9	36	J	4.8	-10	319	3.0	-2.6	0.4	3	J
16	423	2.9	30	J	4.7	2	290	1.4	-3.6	1.5	2	J
17	408	2.5	28	J	4.7	20	313	2.5	-2.2	2.1	3	J
18	427	2.8	27	J	4.6	-13	335	3.5	-1.8	-0.5	2	J
19	415	3.0	50	J	4.2	18	345	2.8	-0.5	1.1	3	J
20	387	2.9	50	J	4.2	2	7	3.9	0.5	0.1	2	J
21	337	5.2	319	J	4.0	4	359	3.7	0.0	0.3	2	J
22	384	3.3	81	J	4.3	-5	322	3.1	-2.4	-0.1	2	J
23	388	3.7	73	J	4.4	26	334	2.7	-1.2	1.5	3	J
24	393	3.2	46	J	4.5	26	321	2.7	-2.0	1.9	2	J

AUG. 5, 1990 (217)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	364	4.0	100	J	4.6	-1	338	3.9	-1.6	0.1	2	J
2					4.4	0	304	2.3	-3.4	0.5	1	J
3					4.3	-1	308	2.3	-2.9	0.5	2	J
4	390	3.6	40	J	4.4	37	321	2.2	-1.2	2.4	3	J
5	359	4.6	67	J	4.5	12	330	3.6	-1.8	1.4	2	J
6	392	3.6	22	J	4.5	12	293	1.4	-2.8	1.8	3	J
7	378	4.9	44	J	4.4	3	305	2.3	-3.0	1.4	2	J
8	401	4.7	13	J	4.5	16	290	1.3	-2.9	2.6	2	J
9	382	4.9	25	J	4.4	14	303	2.1	-2.4	2.3	2	J
10	392	5.0	13	J	4.5	11	282	0.9	-3.3	2.7	1	J
11	395	4.6	16	J	4.7	-40	297	1.6	-4.1	-1.1	1	J
12	385	4.9	21	J	4.7	-49	303	1.5	-3.6	-1.7	2	J
13	379	5.2	18	J	4.6	-58	352	2.3	-2.0	-3.1	2	J
14	380	5.5	17	J	4.5	-62	9	1.9	-1.3	-3.4	2	J
15	385	6.7	57	J	4.7	-65	9	1.9	-1.4	-3.9	1	J
16	365	5.4	19	J	4.4	-41	328	2.6	-2.5	-1.9	2	J
17	369	5.6	17	J	4.3	-45	337	2.6	-1.9	-2.4	1	J
18	370	5.8	19	J	3.9	-11	303	1.8	-2.8	0.1	2	J
19	372	6.1	17	J	4.2	-4	307	2.0	-2.7	0.3	2	J
20	367	7.3	31	J	4.6	27	299	1.9	-3.0	2.4	2	J
21	371	7.2	24	J	4.5	-9	322	2.7	-2.2	-0.3	3	J
22	367	7.4	22	J	4.6	-14	12	3.7	0.7	-1.0	2	J
23												
24												

90-08-06 - 90-08-16

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					AUG. 6, 1990 (218)							
1	380	8.8	18	J	5.1	46	281	0.6	-2.6	3.5	3	J
2					5.2	61	348	1.8	0.1	3.4	4	J
3	373	9.4	19	J	5.5	-14	288	1.4	-4.5	-0.3	3	J
4	367	9.6	29	J	5.3	-21	291	1.6	-4.4	-0.7	2	J
5	353	8.9	51	J	5.3	26	330	3.9	-1.5	2.7	2	J
6	353	9.0	50	J	5.5	-30	351	4.1	-1.4	-2.1	3	J
7	360	8.5	54	J	5.3	-10	9	3.7	0.3	-0.8	4	J
8	360	9.1	60	J	5.4	1	34	4.1	2.6	-1.1	2	J
9	356	8.8	67	J	6.0	1	339	4.3	-1.4	0.8	4	J
10	359	8.4	46	J	6.2	10	323	3.8	-2.1	2.1	4	J
11	350	9.0	65	J	6.4	18	340	4.8	-0.7	2.3	3	J
12	357	8.5	59	J	6.6	-15	322	4.4	-3.7	0.3	3	J
13	374	6.3	32	J	7.9	-2	303	4.0	-5.6	2.7	3	J
14	381	6.2	34	J	8.3	28	288	2.2	-4.3	6.3	2	J
15	396	5.9	50	J	8.3	10	300	4.0	-5.7	4.1	2	J
16	423	6.5	105	J	7.0	-45	343	2.8	-1.8	-2.4	6	J
17	412	6.5	80	J	7.1	-33	308	3.2	-4.9	-2.0	3	J
18	409	6.7	90	J	6.9	-8	8	4.6	0.5	-0.8	5	J
19	398	6.5	77	J	7.1	-13	334	4.5	-2.4	-0.7	5	J
20	398	6.4	55	J	7.7	-28	6	6.1	0.1	-3.3	4	J
21	451	8.1	122	J	8.2	-27	344	2.8	-1.0	-1.4	8	J
22	457	6.8	148	J	8.2	16	258	-1.3	-5.9	2.4	5	J
23	428	5.8	118	J	7.7	-9	310	4.3	-5.1	-0.6	4	J
24	426	5.2	135	J	7.3	9	322	4.7	-3.6	1.3	4	J
					AUG. 7, 1990 (219)							
1	442	6.3	214	J	6.9	-18	41	4.5	3.6	-2.4	3	J
2	414	4.2	111	J	6.5	-10	353	5.8	-0.9	-0.9	3	J
3	481	4.0	146	J	6.4	52	285	0.9	-2.4	4.8	4	J
4	475	4.5	124	J	6.5	68	69	0.6	2.4	3.5	5	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14					5.8	3	295	2.3	-4.3	2.5	2	J
15					5.8	-5	32	3.7	2.0	-1.3	4	J
16												
17												
18												
19												
20												
21												
22												
23												
24												
					AUG. 8, 1990 (220)							
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16					6.9	-23	333	5.7	-3.7	-1.4	1	J
17					7.7	-48	338	4.7	-3.5	-4.7	2	J
18					7.5	-10	324	5.5	-4.2	-0.1	3	J
19					7.6	32	320	4.7	-3.1	4.6	2	J
20					8.0	44	313	3.7	-3.1	5.9	2	J
21					8.9	57	323	3.8	-1.9	7.6	2	J
22					8.1	30	325	5.5	-3.4	4.3	2	J
23					7.4	-46	342	3.6	-1.6	-3.8	5	J
24					8.9	-54	341	4.8	-2.4	-6.8	1	J
					AUG. 9, 1990 (221)							
1					9.6	-65	339	3.7	-2.5	-8.3	2	J
2					9.2	-74	4	2.4	-1.2	-8.5	3	J
3					9.1	-58	341	4.4	-3.0	-7.0	2	J
4					9.4	-12	331	6.7	-4.0	-0.7	5	J
5					10.1	63	336	3.8	0.8	8.3	4	J
6					10.9	73	353	3.2	3.2	9.9	1	J
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					AUG. 13, 1990 (225)							
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	477	15.8	89	J	8.2	-10	162	-7.4	1.6	-2.3	2	J
16												
17												
18												
19												
20												
21												
22												
23												
24	431	7.1	97	J	6.1	-16	143	-4.5	3.2	-2.1	1	J
					AUG. 14, 1990 (226)							
1	429	7.1	76	J	6.6	-11	134	-4.3	4.2	-1.9	2	J
2	437	8.1	64	J	7.8	5	127	-4.4	5.9	-0.4	2	J
3	433	11.5	56	J	7.4	3	134	-4.9	5.0	-0.7	2	J
4	437	17.7	33	J	6.7	17	136	-4.1	4.3	0.6	3	J
5	412	17.6	20	J	7.2	-20	133	-4.3	3.7	-3.6	3	J
6	410	23.1	24	J	7.5	14	133	-4.4	5.0	-0.2	3	J
7	436	37.6	48	J	8.4	48	97	-0.5	6.1	2.7	5	J
8	479	15.6	159	J	13.3	-38	130	-5.7	3.0	-9.3	7	J
9	509	17.9	252	J	8.9	35	265	-0.2	-1.4	2.9	8	J
10	518	15.2	283	J	8.7	-80	140	-0.8	-2.3	-5.3	7	J
11	543	11.5	272	J	9.5	55	268	-0.1	-0.5	6.9	7	J
12	556	11.5	281	J	8.4	48	225	-2.9	-0.2	5.5	6	J
13	560	10.7	278	J	7.3	5	171	-6.1	1.1	0.0	4	J
14	548	10.2	175	J	6.6	9	164	-5.9	1.9	0.1	2	J
15	553	7.4	146	J	6.6	24	152	-2.9	2.0	0.6	5	J
16	553	7.5	135	J	6.1	19	212	-1.4	-0.6	0.9	6	J
17	575	7.2	121	J	6.9	56	233	-0.8	-0.3	2.3	6	J
18	600	6.0	108	J	7.7	14	158	-6.7	3.1	1.0	2	J
19	604	5.0	184	J	5.5	9	169	-5.0	1.1	0.6	1	J
20	615	4.3	125	J	4.6	-7	167	-4.0	0.8	-0.7	2	J
21	607	4.8	109	J	5.1	-18	168	-4.7	0.7	-1.7	1	J
22	586	5.7	178	J	3.6	-17	169	-3.2	0.5	-1.1	1	J
23	578	5.0	157	J	3.9	13	185	-3.6	-0.2	0.9	1	J
24	600	5.2	179	J	4.9	12	175	-4.6	0.5	0.9	1	J
					AUG. 15, 1990 (227)							
1	598	5.3	149	J	3.8	3	176	-3.5	0.3	0.1	2	J
2	595	5.5	123	J	5.1	47	238	-1.0	-1.2	2.2	4	J
3	597	5.6	132	J	5.5	24	334	3.1	-1.1	1.8	4	J
4	607	6.3	143	J	4.6	13	220	-2.2	-1.6	1.2	4	J
5	593	6.0	122	J	6.3	5	295	1.9	-3.8	1.7	4	J
6	581	6.8	185	J	8.7	29	175	-6.7	1.9	3.3	4	J
7	568	6.7	177	J	8.5	17	169	-7.9	2.4	1.6	1	J
8	569	7.5	185	J	9.1	22	165	-8.0	3.4	2.0	2	J
9	589	7.4	158	J	9.3	30	151	-6.6	5.3	2.1	3	J
10	593	7.0	231	J	9.1	21	147	-5.9	4.6	0.4	5	J
11	593	6.9	206	J	9.4	-14	121	-4.2	4.9	-5.3	4	J
12	617	7.2	205	J	9.7	-43	105	-1.5	2.0	-7.5	6	J
13	619	7.1	240	J	9.2	-33	125	-4.0	2.7	-6.8	4	J
14	632	7.1	223	J	9.1	11	109	-2.6	7.3	-2.2	4	J
15	580	6.0	159	J	10.2	-17	154	-7.9	2.3	-4.1	5	J
16	620	7.3	223	J	8.9	-17	121	-3.7	4.8	-4.4	5	J
17												
18	614	7.6	175	J	11.5	-15	115	-4.0	7.5	-4.9	6	J
19	609	9.8	287	J	9.5	10	125	-4.1	5.9	-0.2	7	J
20	617	11.5	341	J	7.7	4	156	-4.6	2.1	-0.1	6	J
21	628	9.3	203	J	8.0	19	149	-5.7	3.7	1.7	4	J
22	658	6.7	184	J	8.1	21	105	-1.6	6.2	1.5	5	J
23	670	5.3	158	J	8.7	8	92	-0.3	7.3	0.1	5	J
24	677	5.1	143	J	8.7	-1	85	0.6	6.9	-1.1	5	J
					AUG. 16, 1990 (228)							
1	609	5.9	131	J	8.9	19	149	-6.2	4.1	1.9	4	J
2	589	6.0	116	J	9.0	13	166	-8.0	2.3	1.5	3	J
3												
4												
5	627	4.4	127	J	7.3	-13	118	-3.1	5.0	-3.3	3	J
6	611	4.7	117	J	6.9	14	146	-4.7	3.5	0.1	3	J
7	608	4.3	86	J	7.3	3	130	-4.2	4.7	-1.8	3	J
8	624	4.4	126	J	6.6	-4	118	-2.8	4.4	-2.7	3	J
9	616	4.2	92	J	6.9	-2	136	-4.1	3.4	-2.1	4	J
10	642	3.9	114	J	7.1	-15	140	-3.6	2.0	-2.6	5	J
11	644	3.9	184	J	7.1	5	159	-5.9	2.2	-0.7	3	J
12	663	4.4	186	J	5.9	0	150	-4.4	2.2	-1.3	3	J
13	676	4.5	160	J	5.6	-16	156	-3.7	0.8	-1.8	4	J
14	682	4.4	144	J	5.4	-4	136	-2.6	2.1	-1.4	4	J
15	688	4.4	143	J	5.2	-20	150	-3.2	1.1	-2.0	3	J
16	699	4.5	132	J	5.0	-20	113	-1.7	3.0	-3.0	2	J
17	684	4.3	111	J	5.2	17	149	-4.1	2.8	0.5	2	J
18	672	4.1	139	J	5.7	-13	163	-3.9	0.9	-1.3	4	J
19	676	4.1	148	J	5.6	41	185	-3.2	0.4	2.8	3	J
20	677	4.1	117	J	5.3	29	213	-3.4	-1.7	2.7	2	J
21	677	4.0	114	J	5.6	30	234	-2.5	-3.0	3.0	3	J
22	671	4.1	130	J	5.4	7	228	-3.2	-3.4	1.1	2	J
23	683	4.1	113	J	5.6	-45	203	-3.1	-1.7	-3.1	3	J
24	661	4.6	141	J	5.5	-11	205	-3.9	-1.9	-0.6	3	J

90-08-17 - 90-08-28

AUG. 17, 1990 (229)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	659	4.4	151	J	5.6	-4	200	-3.9	-1.5	-0.1	4	J
2	653	4.5	185	J	5.4	28	178	-4.1	0.6	2.1	3	J
3	631	4.8	267	J	5.3	-5	184	-5.0	-0.4	-0.3	2	J
4	651	4.3	197	J	5.0	8	156	-3.3	1.6	0.1	4	J
5	642	4.8	240	J	5.3	-9	128	-2.9	3.2	-1.9	2	J
6	652	4.5	166	J	5.3	45	184	-2.8	0.9	2.6	4	J
7	640	4.4	142	J	5.1	15	179	-2.6	0.3	0.6	4	J
8	632	4.1	105	J	5.2	38	169	-3.5	1.9	2.2	3	J
9	628	4.2	114	J	5.6	47	168	-2.9	2.1	2.4	4	J
10	624	4.4	115	J	5.6	41	229	-2.2	-0.7	3.8	3	J
11	631	4.7	122	J	5.4	72	226	-1.1	1.5	4.6	2	J
12	620	5.0	155	J	5.0	61	178	-1.5	1.4	2.2	4	J
13	592	5.0	180	J	5.3	11	143	-3.4	2.7	-0.6	3	J
14	563	5.2	192	J	5.5	18	168	-4.7	1.6	0.9	2	J
15	559	4.0	84	J	5.6	28	165	-4.3	2.1	1.6	2	J
16	568	4.4	115	J	5.7	-10	121	-2.4	3.4	-2.4	3	J
17					6.2	12	158	-5.1	2.3	0.4	3	J
18	534	4.0	129	J	5.6	-72	191	-1.4	-1.6	-4.2	3	J
19	553	4.3	116	J	5.7	-3	149	-4.3	2.4	-0.9	3	J
20	552	4.6	84	J	6.1	27	153	-4.3	2.6	2.0	3	J
21	551	4.6	60	J	6.3	32	179	-4.8	0.6	3.0	3	J
22	552	5.1	63	J	6.1	2	171	-5.4	0.9	0.1	3	J
23	542	4.8	67	J	5.7	14	166	-5.0	1.4	1.1	2	J
24	556	4.8	61	J	5.9	20	162	-4.3	1.6	1.4	3	J

AUG. 18, 1990 (230)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	560	4.8	65	J	5.6	-9	143	-3.8	2.7	-1.2	3	J
2	550	4.7	75	J	5.2	25	168	-4.0	1.2	1.7	3	J
3	557	4.6	69	J	5.2	12	195	-3.2	-0.7	0.9	4	J
4												
5												
6												
7												
8												
9												
10	556	5.9	176	J	5.1	3	153	-3.6	1.7	-0.8	3	J
11	544	5.1	118	J	5.6	30	161	-3.8	2.3	1.3	3	J
12	537	5.2	107	J	5.6	40	190	-3.5	1.0	2.9	3	J
13	538	5.2	106	J	5.3	38	199	-3.4	0.4	3.0	3	J
14	537	5.2	110	J	5.7	4	143	-3.6	2.5	-1.0	3	J
15	535	5.2	155	J	4.9	-1	155	-3.4	1.4	-0.8	3	J
16	537	5.4	134	J	5.1	-2	174	-3.6	0.3	-0.3	4	J
17	554	5.4	107	J	5.5	13	123	-2.4	3.8	-0.3	3	J
18	536	5.2	80	J	5.7	35	173	-4.1	1.4	2.6	2	J
19	536	4.6	68	J	5.7	24	178	-5.0	0.7	2.1	2	J
20	533	4.2	70	J	5.9	12	163	-5.4	1.9	0.8	1	J
21	549	4.2	51	J	5.6	23	182	-4.9	0.2	2.1	2	J
22	555	4.3	61	J	5.3	21	163	-4.4	1.6	1.5	2	J
23	555	4.4	70	J	5.0	-17	142	-3.5	2.5	-1.8	2	J
24	582	4.7	100	J	4.4	-17	142	-0.8	0.6	-0.4	4	J

AUG. 19, 1990 (231)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	579	4.9	100	J	4.6	-25	55	1.5	1.8	-1.5	4	J
2	589	5.5	95	J	4.9	-38	40	2.7	1.7	-3.2	2	J
3	570	5.5	79	J	4.9	-39	89	0.1	2.5	-3.3	3	J
4	585	5.9	82	J	5.1	-21	22	3.8	1.0	-1.9	3	J
5	559	5.2	93	J	5.3	29	110	-1.0	3.1	0.6	4	J
6	531	5.2	134	J	5.1	16	182	-4.3	0.3	1.2	2	J
7	527	5.3	190	J	4.1	0	148	-3.3	1.9	-0.9	1	J
8												
9												
10												
11												
12					5.1	24	154	-4.1	2.8	0.7	0	J
13	515	6.0	55	J	4.7	-3	126	-1.4	1.6	-1.1	4	J
14	524	6.5	73	J	3.6	-30	53	1.3	0.9	-1.9	3	J
15	494	5.5	69	J	5.0	6	156	-3.2	1.4	-0.3	4	J
16	473	5.8	98	J	5.2	13	164	-4.9	1.8	0.5	1	J
17	466	6.9	115	J	5.0	19	172	-4.4	1.1	1.2	2	J
18	458	6.4	119	J	5.1	2	182	-5.0	-0.1	0.2	1	J
19	451	6.3	101	J	5.5	-12	176	-5.4	0.1	-1.2	1	J
20	459	6.2	81	J	5.0	4	158	-4.4	1.8	0.0	1	J
21	457	6.5	37	J	4.5	5	157	-3.9	1.7	0.1	1	J
22	458	6.1	38	J	4.2	-16	156	-3.4	1.3	-1.3	2	J
23	462	6.6	59	J	4.2	-25	133	-2.5	2.4	-2.1	1	J
24	463	6.9	34	J	4.9	-23	146	-2.6	1.5	-1.6	4	J

AUG. 20, 1990 (232)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	452	6.8	30	J	5.5	-3	171	-5.4	0.8	-0.4	1	J
2	452	7.2	50	J	5.3	-1	166	-5.0	1.2	-0.3	1	J
3	457	7.5	55	J	5.3	-26	146	-3.7	1.9	-2.7	2	J
4	468	8.6	38	J	5.7	-68	45	1.3	-0.1	-4.8	3	J
5	482	8.4	32	J	5.8	-48	18	3.6	-0.3	-4.3	1	J
6	454	8.5	39	J	5.8	-56	110	-0.9	0.8	-4.5	3	J
7	452	7.1	46	J	6.2	5	153	-5.1	2.5	-0.7	2	J
8	471	6.6	50	J	5.6	-38	113	-0.9	1.0	-2.6	5	J
9	478	5.9	73	J	6.3	-24	151	-3.9	0.9	-2.8	4	J
10	476	6.4	114	J	5.6	-14	149	-4.7	1.7	-2.6	1	J
11	474	6.5	135	J	5.2	-6	161	-4.8	1.1	-1.3	1	J
12	481	6.5	78	J	4.7	-46	162	-2.5	-0.7	-2.8	3	J
13												
14												
15	485	7.4	89	J	5.3	-37	179	-3.6	-1.2	-2.4	3	J
16	469	8.7	179	J	5.6	-23	167	-4.4	0.1	-2.2	3	J
17	468	8.0	134	J	5.3	-3	143	-4.0	2.7	-1.3	2	J
18												
19					5.3	-3	132	-3.1	3.3	-1.1	2	J
20					4.9	8	142	-3.6	2.9	0.0	2	J
21												
22												
23												
24												

AUG. 25, 1990 (237)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3					5.4	-27	161	-4.1	0.8	-2.5	3	J
4					5.1	-38	117	-1.4	1.9	-3.2	4	J
5					4.6	-26	141	-2.2	1.2	-1.9	3	J
6					5.4	63	170	-1.2	1.2	2.1	5	J
7					6.3	67	270	0.0	0.3	5.4	4	J
8					6.6	71	325	1.6	1.8	5.5	3	J
9					8.1	75	255	-0.3	1.5	5.0	7	J
10					9.3	4	193	-8.7	-1.4	1.6	3	J
11					12.4	-3	197	-11.7	-3.3	1.4	2	J
12					12.7	-9	194	-11.7	-3.5	0.0	3	J
13					14.2	-31	179	-11.7	-3.5	-6.1	4	J
14					16.0	-34	172	-12.6	-2.8	-8.3	3	J
15					14.4	-37	164	-10.7	-1.2	-8.9	2	J
16												
17												
18												
19												
20												
21												
22												
23												
24												

AUG. 26, 1990 (238)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					7.3	29	117	-2.7	5.7	2.2	2	J
2					7.7	30	154	-5.6	3.5	2.9	2	J
3					8.1	36	112	-2.4	6.8	2.9	2	J
4					7.9	21	112	-2.6	7.0	0.6	2	J
5	461	3.2	110	J	7.2	7	137	-4.8	4.5	-0.8	2	J
6	489	5.3	90	J	9.7	26	90	0.0	8.0	0.3	7	J
7	777	7.61661		J	15.4	-37	185	-4.8	-2.0	-3.0	14	J
8	784	6.82119		J	21.6	-36	157	-14.1	-0.2	-12.6	11	J
9	785	8.71757		J	22.4	-14	108	-4.9	11.0	-11.3	15	J
10	746	10.81049		J	22.6	-43	252	-3.9	-16.3	-3.5	15	J
11	676	13.81685		J	16.6	-38	140	-7.0	1.1	-9.2	12	J
12	744	12.11049		J	20.9	0	81	2.9	15.2	-9.8	11	J
13	739	24.0	496	J	13.3	20	87	0.3	6.4	-1.3	14	J
14	743	23.9	412	J	5.0	47	321	1.8	0.0	2.9	4	J
15	744	12.0	260	J	13.2	5	72	3.3	9.5	-3.9	8	J
16	749	8.6	312	J	12.9	21	33	8.1	6.3	1.1	8	J
17	686	3.7	132	J	15.7	-43	224	-8.0	-11.1	-6.8	4	J
18	731	7.3	110	J	12.8	25	186	-11.0	0.6	5.3	4	J
19	726	10.0	170	J	12.0	38	181	-9.4	1.8	7.1	2	J
20												
21												
22												
23												
24												

AUG. 27, 1990 (239)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	646	3.4	101	J	15.9	28	226	-9.4	-8.2	9.0	4	J
2	643	3.6	103	J	14.9	32	229	-8.1	-7.4	9.6	3	J
3	611	5.3	133	J	13.1	34	237	-5.6	-6.5	9.0	4	J
4	614	3.5	137	J	14.4	45	245	-4.2	-5.5	12.3	3	J
5	581	5.6	109	J	13.7	47	229	-6.0	-2.9	11.5	4	J
6	605	7.0	55	J	12.8	66	231	-3.1	1.0	11.8	3	J
7	605	4.9	60	J	12.3	52	236	-4.2	-1.2	11.4	2	J
8	583	6.8	69	J	11.0	55	213	-5.2	1.4	9.5	2	J
9	596	7.2	87	J	10.4	46	186	-6.9	3.1	6.5	3	J
10	603	2.1	56	J	11.9	36	213	-7.9	-0.7	8.5	3	J
11	590	1.9	75	J	12.2	39	214	-7.8	-0.3	9.3	2	J
12					12.6	29	222	-8.1	-2.8	9.0	3	J
13	595	7.4	84	J	10.4	46	236	-3.7	-1.0	8.7	4	J
14	583	4.6	125	J	10.5	40	208	-6.8	0.1	7.4	3	J
15	562	4.6	92	J	10.6	50	206	-6.0	1.1	8.3	3	J
16	513	11.1	76	J	10.1	55	183	-5.7	3.2	7.5	1	J
17					9.0	63	184	-4.0	2.7	7.5	1	J
18	519	4.6	28	J	8.3	60	187	-4.0	1.8	6.8	2	J
19	488	4.5	15	J	7.5	62	235	-2.0	-0.9	7.1	1	J
20	484	2.9	26	J	7.2	48	202	-4.1	-0.5	5.2	3	J
21	484	3.2	45	J	8.7	28	213	-6.1	-3.1	4.6	3	J
22	483	3.8	74	J	8.6	39	236	-3.7	-4.4	6.2	1	J
23	489	5.3	50	J	8.4	51	239	-2.5	-3.0	6.5	4	J
24	478	6.8	22	J	9.0	60	307	2.7	-2.1	8.2	2	J

AUG. 28, 1990 (240)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	471	6.9	30	J	9.6	56	270	0.0	-3.7	8.8	2	J
2	456	2.6	31	J	10.4	45	249	-2.6	-5.0	8.6	1	J
3	479	3.5	17	J	9.8	29	237	-4.2	-5.1	5.9	4	J
4	465	2.3	18	J	7.9	21	226	-5.0	-4.1	4.2	2	J
5	443	2.3	18	J	6.5	37	244	-2.2	-2.8	5.1	2	J
6	433	2.0	13	J	5.4	46	269	-0.1	-1.8	5.0	1	J
7	446	2.9	30	J	5.7	44	278	0.6	-1.8	5.3	1	J
8	472	2.2	34	J	5.9	46	297	1.9	-1.1	5.5	1	J
9	467	2.4	42	J	6.3	46	295	1.6	-0.9	5.3	3	J
10	458	2.4	45	J	5.9	49	319	2.3	0.2	4.0	4	J
11	475	2.5	26	J	6.5	43	293	1.7	-1.2	5.7	2	J
12	478	2.4	23	J	6.5	3	285	1.6	-4.9	3.6	2	J
13	489	3.0	15	J	6.3	61	267	-0.1	0.3	5.6	3	J
14	504	4.7	22	J	6.2	39	238	-2.4	-1.4	5.1	2	J
15	445	3.8	39	J	6.1	29	314	3.1	-1.7	3.7	4	J
16	449	2.6	27	J	6.5	-1	349	6.0	-1.1	0.4	2	J
17	441	2.5	18	J	6.0	3	340	5.5	-1.7	1.0	1	J
18	443	3.0	16	J	6.2	18	329	5.0	-2.2	2.8	1	J
19	434	2.9	27	J	5.7	11	332	4.9	-2.2	1.7	1	J
20	431	2.2	34	J	5.2	7	337	4.7	-1.8	1.1	1	J
21	432	2.3	32	J	4.9	9	342	4.4	-1.3	1.0	2	J
22	428	2.3	31	J	4.8	24	345	4.0	-0.7	2.0	2	J
23	431	2.5	25	J	4.7	47	0	3.0	0.6	3.2	2	J
24	438	3.2	16	J	4.8	55	336	2.5	-0.4	4.0	1	J

90-08-29 - 90-09-08

AUG. 29, 1990 (241)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	439	2.6	13	J	5.0	64	337	2.0	0.1	4.5	1	J
2					4.9	53	267	-0.1	-1.8	4.0	2	J
3	454	6.7	35	J	4.1	21	253	-1.0	-2.9	2.2	1	J
4	448	5.5	11	J	5.3	-21	241	-2.4	-4.6	-0.4	1	J
5					5.5	-22	235	-2.9	-4.6	-0.4	1	J
6					5.2	-32	217	-3.5	-3.6	-1.4	1	J
7					5.1	-38	210	-3.4	-3.2	-1.8	1	J
8	430	5.7	45	J	5.5	-25	241	-1.4	-2.8	0.1	5	J
9	414	5.7	70	J	6.1	38	336	4.2	0.3	4.0	2	J
10	435	6.9	25	J	6.4	-27	293	2.1	-5.6	0.4	2	J
11	438	6.3	16	J	6.7	-33	278	0.7	-6.0	0.0	3	J
12	464	13.0	36	J	11.2	7	280	1.7	-7.4	6.3	6	J
13	446	11.2	40	J	11.2	18	286	2.6	-6.0	7.3	5	J
14					9.6	47	304	3.1	-0.9	7.3	5	J
15	442	7.9	31	J	8.3	75	322	1.6	2.5	7.2	3	J
16	441	6.1	46	J	8.1	61	288	1.1	-0.3	7.1	4	J
17	427	6.1	39	J	8.2	0	278	1.0	-6.3	2.6	4	J
18	421	6.7	80	J	7.2	15	294	2.0	-3.7	2.7	5	J
19	442	9.3	83	J	6.7	-79	140	-0.9	-0.9	-5.8	3	J
20	457	8.7	67	J	6.6	-71	152	-1.5	-0.4	-5.1	4	J
21	441	8.2	90	J	6.7	-22	265	-0.4	-5.1	-0.9	4	J
22	439	4.3	108	J	6.9	13	280	1.0	-5.5	2.4	3	J
23					6.8	13	280	1.1	-6.1	2.6	1	J
24					6.9	3	284	1.6	-6.4	1.6	1	J

AUG. 30, 1990 (242)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					6.5	4	279	0.9	-5.7	1.6	3	J
2												
3												
4												
5												
6												
7												
8												
9	407	6.8	24	J	4.9	-62	186	-2.1	-2.3	-3.3	2	J
10	394	7.0	22	J	4.7	-55	195	-2.4	-2.5	-2.7	1	J
11	392	7.8	19	J	5.0	-52	98	-0.4	0.4	-4.7	2	J
12	446	17.3	60	J	12.7	-58	117	-2.0	-0.6	-8.2	10	J
13	458	23.9	88	J	13.7	-53	261	-1.0	-9.7	-3.7	9	J
14	451	21.3	67	J	14.8	-24	273	0.7	-14.1	1.6	4	J
15	441	24.7	94	J	12.4	-6	285	3.0	-10.6	4.3	4	J
16	439	29.7	116	J	10.7	-43	285	1.3	-6.2	-2.1	9	J
17	447	15.9	116	J	14.9	-55	284	1.9	-11.2	-7.4	7	J
18	466	4.1	193	J	17.5	3	291	6.1	-14.7	6.1	4	J
19	469	4.7	250	J	16.6	16	292	5.7	-12.3	8.1	5	J
20	456	6.6	111	J								
21	466	6.9	154	J	16.4	14	286	4.3	-13.9	6.9	3	J
22	471	8.8	163	J	15.4	20	295	5.6	-10.9	7.0	6	J
23	535	8.7	341	J	12.1	-34	298	4.2	-8.9	-4.5	5	J
24	538	8.0	293	J	11.9	3	292	3.7	-8.8	2.2	7	J

AUG. 31, 1990 (243)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	534	6.9	319	J	10.3	0	290	2.7	-7.4	1.5	7	J
2	572	4.4	137	J	7.2	-57	326	2.9	-3.2	-4.8	4	J
3	559	3.9	58	J	5.8	16	329	4.4	-2.2	2.2	2	J
4	561	4.0	57	J	5.8	17	330	4.2	-1.8	2.2	3	J
5	560	3.6	61	J	5.8	-33	324	2.3	-2.2	-1.1	5	J
6	551	4.2	87	J	5.6	-62	322	1.3	-2.2	-2.4	4	J
7	534	4.0	92	J	5.2	-54	345	2.4	-2.2	-2.8	3	J
8	541	4.0	60	J	5.3	-14	313	3.2	-3.5	0.7	2	J
9												
10												
11	513	4.1	44	J	5.4	14	307	3.1	-2.7	3.3	1	J
12	501	4.0	37	J	5.4	-6	327	4.3	-2.6	1.1	2	J
13	510	4.4	46	J	5.5	-11	317	3.4	-3.2	1.0	3	J
14	513	5.1	58	J	5.9	3	303	2.9	-3.7	2.6	2	J
15	511	4.8	41	J	5.6	31	326	3.3	-0.8	3.2	3	J
16	508	4.7	36	J	5.4	20	337	3.3	-0.7	1.8	4	J
17	514	4.7	38	J	5.4	20	307	2.5	-2.5	2.7	3	J
18	496	4.6	39	J	5.3	29	326	3.6	-1.5	3.0	2	J
19	500	4.5	38	J	5.4	1	307	2.8	-3.5	1.1	3	J
20	507	5.4	90	J	5.7	30	303	2.5	-3.1	3.5	2	J
21	494	4.5	33	J	5.6	37	325	3.5	-1.7	3.6	2	J
22	490	4.3	33	J	5.4	49	325	2.6	-1.1	3.9	3	J
23	464	4.7	64	J	5.3	25	336	4.2	-1.5	2.5	2	J
24	441	5.4	111	J	5.0	-9	344	4.2	-1.3	-0.4	2	J

SEP. 1, 1990 (244)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	457	4.4	62	J	5.5	28	328	3.9	-1.9	2.9	2	J
2	462	4.2	35	J	5.3	19	341	4.1	-1.0	1.8	3	J
3	479	4.1	55	J	4.9	-35	306	2.0	-3.3	-1.5	3	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	609	28.2	76	J	8.0	-2	347	7.8	-1.7	0.7	1	J
15	597	24.6	60	J	8.0	-14	339	6.7	-3.1	-0.3	3	J
16	582	15.3	45	J	9.1	3	3	8.9	0.6	0.2	2	J
17	573	11.0	33	J	11.0	18	15	9.9	3.7	2.1	2	J
18	519	7.5	146	J	10.3	-7	350	9.1	-1.9	-0.5	5	J
19	531	5.0	95	J	9.9	9	349	8.7	-1.2	1.8	4	J
20	541	3.3	33	J	11.4	26	349	9.9	-0.7	5.2	4	J
21												
22												
23												
24												

SEP. 2, 1990 (245)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18					6.1	6	346	5.6	-1.1	1.0	2	J
19					6.6	-4	339	6.0	-2.3	0.2	1	J
20					7.0	-23	343	5.8	-2.4	-2.1	2	J
21					7.2	-21	341	6.2	-2.6	-2.0	2	J
22					6.9	31	348	5.8	-0.5	3.7	1	J
23					6.8	28	349	5.8	-0.5	3.3	1	J
24					7.0	19	345	6.3	-1.2	2.5	1	J

SEP. 3, 1990 (246)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					7.5	22	341	6.6	-1.6	3.2	1	J
2					8.1	21	337	7.0	-2.2	3.5	1	J
3					8.0	16	339	7.1	-2.0	2.9	1	J
4					8.6	19	335	7.3	-2.3	3.7	1	J
5					8.5	5	332	7.4	-3.4	2.1	1	J
6					8.6	2	333	7.3	-3.3	1.8	3	J
7					8.3	-34	327	5.7	-5.4	-2.3	1	J
8					9.0	-5	330	7.4	-4.1	1.5	3	J
9					10.4	50	344	5.6	2.3	6.7	5	J
10					10.4	61	357	4.7	4.5	7.3	4	J
11					10.3	74	27	2.0	5.3	6.0	6	J
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

SEP. 7, 1990 (250)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2	504	4.4	138	J								
3	540	4.2	140	J	6.3	-10	276	0.4	-4.0	0.5	5	J
4	491	3.9	121	J	6.0	-5	297	2.2	-4.2	1.0	3	J
5	476	3.8	99	J	5.9	-29	315	2.9	-3.6	-1.0	3	J
6	486	4.3	112	J	5.7	-46	328	2.8	-3.0	-2.3	3	J
7	521	4.4	98	J	5.7	-42	247	-1.1	-3.5	-1.0	4	J
8	470	4.4	91	J	5.9	2	319	3.8	-2.8	1.9	3	J
9	510	4.4	75	J	6.0	-88	353	0.2	-2.9	-4.5	3	J
10	488	4.6	103	J	5.6	-47	315	2.0	-3.4	-1.4	4	J
11	502	4.6	65	J	5.4	-54	285	0.5	-3.2	-1.2	4	J
12	495	4.3	66	J	5.3	-64	15	1.8	-1.7	-3.4	3	J
13	504	4.3	73	J	5.3	-76	66	0.5	-1.6	-4.4	3	J
14	497	4.5	60	J	5.6	-42	82	0.5	1.5	-5.1	2	J
15	506	4.1	59	J	5.0	-48	92	-0.1	1.0	-4.5	2	J
16	480	3.7	51	J	5.2	-52	20	0.6	-0.2	-0.9	5	J
17	470	3.8	65	J	5.4	37	300	2.0	-2.0	4.1	2	J
18	527	3.6	41	J								
19	479	4.0	68	J	5.6	1	279	0.8	-4.7	1.5	2	J
20	486	3.7	71	J	4.6	32	267	-0.1	-1.1	1.2	4	J
21	492	3.9	67	J	4.3	17	19	1.0	0.4	0.2	4	J
22	496	3.8	57	J	5.0	5	269	-0.1	-4.5	1.4	2	J
23	480	4.1	83	J	4.8	-11	291	1.3	-3.4	0.0	3	J
24	501	4.2	64	J	4.4	10	279	0.3	-1.8	0.7	4	J

SEP. 8, 1990 (251)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	505	4.5	75	J	4.6	48	253	-0.5	-1.2	2.3	4	J
2	485	4.4	70	J	4.6	-5	286	1.0	-3.4	0.6	3	J
3												
4	459	4.5	45	J	4.7	37	330	3.1	-0.8	3.2	1	J
5	465	4.4	63	J	4.2	23	337	2.3	-0.5	1.3	3	J
6	473	4.4	63	J	4.3	-10	294	1.2	-2.7	0.7	3	J
7	480	3.5	52	J	5.4	-29	269	-0.1	-5.2	-0.1	1	J
8	483	4.0	65	J	5.3	-24	264	-0.4	-4.4	0.5	3	J
9	469	4.5	74	J	5.5	4	293	1.6	-3.1	2.3	4	J
10	455	3.7	48	J	5.1	-35	323	3.2	-3.6	-1.0	1	J
11	450	3.7	67	J	4.8	-17	341	3.6	-1.7	-0.3	3	J
12	454	3.6	45	J	5.2	-25	317	2.9	-3.3	0.0	3	J
13	472	4.5	32	J	5.7	37	279	0.6	-1.7	4.7	3	J
14	461	4.5	33	J	5.8	58	298	1.4	0.2	5.3	2	J
15	437	4.4	38	J	5.9	27	339	4.6	-0.3	3.0	2	J
16	423	5.1	61	J	6.0	-5	341	5.4	-1.9	0.4	2	J
17	428	4.8	55	J	5.7	-11	345	4.3	-1.4	-0.3	4	J
18	445	5.1	54	J	5.6	37	313	2.6	-1.6	3.6	3	J
19	420	5.7	121	J	5.3	2	333	3.7	-1.7	0.7	3	J
20	425	4.9	81	J	5.1	-28	357	3.4	-0.6	-1.7	3	J
21	436	4.6	69	J	5.2	-45	345	3.0	-1.5	-2.9	3	J
22												
23												
24												

90-09-09 - 90-09-19

SEP. 9, 1990 (252)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					4.3	20	341	3.6	-0.9	1.6	1	J
2	412	3.9	33	J	4.7	-4	15	4.0	1.0	-0.6	2	J
3	422	4.6	47	J	4.8	22	326	2.8	-1.4	1.8	3	J
4	413	4.9	45	J	5.0	-3	320	3.2	-2.6	0.7	3	J
5	432	4.7	28	J	5.3	17	282	1.0	-3.8	3.1	2	J
6	431	4.9	33	J	5.3	1	284	1.1	-3.9	2.0	3	J
7	418	4.7	37	J	4.6	-16	307	1.9	-2.6	0.4	3	J
8	418	5.0	35	J	5.2	23	300	2.2	-2.3	3.6	2	J
9	402	4.8	33	J	5.3	-2	346	4.2	-1.0	0.4	3	J
10	395	4.5	41	J	5.0	-4	7	4.7	0.3	-0.6	2	J
11	413	4.8	31	J	4.9	-34	33	2.6	0.2	-2.7	3	J
12	408	4.9	39	J	4.5	-25	8	2.9	-0.4	-1.3	3	J
13	409	4.9	39	J	4.6	5	318	2.6	-1.8	1.5	3	J
14	405	5.0	33	J	4.8	4	288	1.0	-2.6	1.8	3	J
15	404	5.0	26	J	4.6	-27	7	3.2	-0.5	-1.6	3	J
16	400	5.2	26	J	4.8	-18	12	3.9	0.2	-1.5	2	J
17	399	5.3	38	J	4.7	-21	351	3.8	-1.1	-1.1	2	J
18	404	5.1	23	J	4.9	-12	310	2.8	-3.5	0.3	2	J
19	398	5.5	30	J	5.0	5	320	3.4	-2.6	1.2	2	J
20	393	5.4	37	J	5.0	-29	2	4.0	-0.4	-2.2	2	J
21	400	5.3	39	J	4.4	-21	325	2.4	-1.9	-0.7	3	J
22	404	5.4	39	J	4.5	-7	300	1.3	-2.3	0.2	4	J
23	401	5.0	31	J	4.7	13	298	1.8	-3.1	1.5	3	J
24												

SEP. 10, 1990 (253)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5	394	5.4	16	J	5.3	-66	27	1.6	-0.8	-3.9	3	J
6	391	5.0	14	J	5.3	-60	346	2.1	-2.1	-3.1	3	J
7	367	7.5	50	J	5.6	11	316	3.7	-2.6	2.6	2	J
8	372	5.5	20	J	5.7	27	310	2.9	-1.8	3.8	3	J
9	398	5.5	19	J	6.1	53	274	0.2	-0.4	5.7	2	J
10					6.6	68	268	-0.1	1.4	6.5	1	J
11					6.7	79	260	-0.2	2.7	6.1	1	J
12	402	6.2	19	J	6.8	54	276	0.4	-0.2	6.4	2	J
13	409	7.6	31	J	7.1	30	262	-0.7	-2.8	5.5	3	J
14	397	7.6	33	J	7.1	30	283	1.3	-3.0	5.6	3	J
15	395	7.2	30	J	6.8	29	284	1.4	-3.2	5.4	2	J
16	391	7.4	39	J	6.9	46	297	1.7	-1.3	5.1	4	J
17	380	7.9	55	J	7.2	49	267	-0.2	-1.9	6.1	3	J
18	393	7.6	27	J	7.4	43	288	1.5	-2.8	6.0	3	J
19	387	8.4	35	J	7.9	22	297	3.0	-4.9	4.4	3	J
20					10.9	-28	316	6.2	-6.9	-2.9	5	J
21					9.1	-8	299	3.2	-5.9	0.4	6	J
22					9.9	-43	306	3.5	-5.9	-4.5	6	J
23					9.2	-53	359	3.4	-1.0	-4.4	7	J
24					7.7	3	308	2.0	-2.5	0.7	7	J

SEP. 11, 1990 (254)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	384	11.8	59	J	7.7	-40	51	3.7	3.3	-5.8	1	J
2	367	10.2	48	J	7.1	-5	0	6.1	-0.1	-0.5	4	J
3	377	11.7	58	J	7.8	-10	311	4.8	-5.7	0.4	2	J
4	388	13.9	70	J	8.7	10	309	3.7	-4.0	2.5	6	J
5	419	15.3	54	J	10.7	45	253	-2.1	-3.5	9.1	4	J
6	406	28.0	47	J	7.8	-3	287	2.0	-5.9	2.5	5	J
7	414	33.4	25	J	8.4	21	272	0.3	-5.3	6.2	2	J
8												
9	421	27.4	81	J	10.0	-34	310	2.6	-4.0	-0.6	9	J
10	416	17.8	93	J	13.1	14	125	-6.7	9.6	-3.0	5	J
11	445	14.9	164	J	12.5	8	122	-6.3	9.3	-4.4	3	J
12	454	14.3	160	J	11.3	-4	108	-3.4	8.3	-6.6	2	J
13	465	13.1	144	J	11.5	-1	95	-0.9	8.5	-5.8	5	J
14	464	13.2	161	J	11.7	6	106	-2.9	9.1	-4.3	5	J
15					10.8	-9	98	-1.4	7.9	-6.2	4	J
16					9.4	19	104	-1.4	5.8	-0.7	7	J
17					7.0	-2	154	-3.8	1.6	-0.9	6	J
18					7.2	-55	114	-0.8	0.7	-3.2	7	J
19					9.0	54	180	-4.7	1.9	6.2	4	J
20					5.7	-46	187	-1.2	-0.5	-1.1	6	J
21					4.9	-22	214	-3.2	-2.4	-1.0	3	J
22	524	8.1	231	J	5.1	-15	149	-3.0	1.6	-1.3	4	J
23	540	7.6	171	J	5.8	-3	161	-3.0	1.0	-0.4	5	J
24	541	8.1	160	J	5.4	-19	196	-3.6	-1.3	-1.1	4	J

SEP. 12, 1990 (255)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	530	7.8	189	J	5.8	-12	124	-2.7	3.7	-1.9	3	J
2	551	7.5	138	J	5.9	-21	107	-1.4	4.1	-3.1	2	J
3												
4												
5												
6												
7												
8												
9												
10					5.5	25	130	-2.9	4.0	-0.2	2	J
11					5.1	20	154	-3.5	2.2	0.2	3	J
12					4.4	-24	152	-3.4	0.5	-2.4	1	J
13												
14												
15					6.6	2	127	-3.2	3.9	-1.9	4	J
16	484	8.4	70	J	6.7	13	96	-0.5	4.5	-1.1	5	J
17	460	8.5	72	J	6.5	2	131	-3.2	3.5	-1.3	4	J
18	458	8.5	64	J	6.3	21	131	-3.1	4.0	0.5	4	J
19	458	8.6	65	J	6.1	-43	197	-3.6	-2.1	-3.0	3	J
20	451	8.4	75	J	6.4	-35	182	-4.7	-1.0	-3.2	3	J
21	441	9.3	91	J	6.6	-15	198	-5.7	-2.2	-1.1	2	J
22	437	7.9	69	J	6.6	27	171	-5.2	1.4	2.4	3	J
23	452	9.0	59	J	7.0	61	172	-3.0	1.5	5.3	3	J
24	452	8.8	68	J	6.6	1	117	-2.3	4.5	-0.9	4	J

SEP. 13, 1990 (256)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	459	8.8	58	J	6.6	-23	107	-1.6	4.5	-3.4	3	J
2	453	8.9	63	J	6.7	-32	123	-2.5	3.0	-3.8	4	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	420	9.1	80	J	6.5	-6	130	-3.9	3.5	-3.1	2	J
14	422	8.8	65	J	6.9	-4	125	-3.4	3.9	-2.9	4	J
15	412	9.0	67	J	6.6	-1	133	-4.0	3.7	-2.2	3	J
16	437	10.5	79	J	6.6	16	96	-0.5	4.4	-0.8	5	J
17	438	10.2	74	J	6.2	-20	97	-0.6	3.7	-3.5	3	J
18	431	10.3	77	J	6.4	5	124	-1.9	2.7	-0.7	6	J
19	433	9.9	80	J	7.2	-19	116	-2.9	4.9	-3.9	2	J
20												
21												
22												
23												
24												

SEP. 14, 1990 (257)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17					6.7	7	193	-5.3	-0.9	1.1	4	J
18	441	6.8	98	J	6.3	6	178	-4.9	0.3	0.4	4	J
19	458	7.8	83	J	6.8	3	165	-4.3	1.2	-0.1	5	J
20	452	7.2	61	J	6.7	-26	137	-3.9	2.8	-3.4	3	J
21												
22												
23												
24												

SEP. 15, 1990 (258)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3	465	7.9	51	J	6.9	-35	162	-3.0	0.3	-2.4	6	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

SEP. 19, 1990 (262)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23	426	6.9	61	J	4.6	-35	147	-2.3	1.1	-2.2	3	J
24	422	7.2	29	J	4.3	-74	15	1.0	-0.5	-3.6	2	J

90-09-20 - 90-09-27

SEP. 20, 1990 (263)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	421	7.8	22	J	4.7	-31	105	-1.0	3.2	-3.2	1	J
2	412	9.1	22	J	3.5	-31	109	-0.9	2.0	-2.2	2	J
3	401	9.3	32	J	3.1	29	9	2.6	0.8	1.3	1	J
4	405	6.7	23	J	5.8	41	337	3.8	-0.3	3.9	2	J
5	394	5.0	47	J	6.4	26	344	5.2	-0.3	3.0	2	J
6	408	5.7	67	J	5.9	5	332	4.4	-1.9	1.4	3	J
7	399	5.9	99	J	5.3	6	351	4.7	-0.4	0.8	2	J
8	396	7.2	110	J	5.7	8	327	4.2	-2.0	2.0	2	J
9	403	5.2	28	J	6.4	13	325	4.8	-2.1	3.0	2	J
10	402	5.9	33	J	6.7	3	329	5.3	-2.4	2.1	3	J
11	394	7.8	75	J	6.2	29	9	4.7	2.1	1.7	3	J
12	383	9.9	83	J	6.5	-8	333	5.1	-2.6	0.8	3	J
13	403	7.5	32	J	6.5	-8	320	4.7	-3.8	1.5	2	J
14					6.3	6	346	5.7	-0.9	1.3	2	J
15	377	7.0	34	J	6.7	-18	348	5.6	-1.9	-1.0	3	J
16	386	7.4	48	J	7.8	-31	357	6.3	-2.0	-3.3	2	J
17	388	8.2	67	J	8.3	-28	339	6.5	-3.8	-2.4	3	J
18	415	7.7	44	J	8.3	-7	301	3.8	-6.3	1.4	3	J
19	429	10.2	34	J	8.6	5	283	1.8	-7.4	3.1	3	J
20	417	9.9	35	J	9.1	-38	301	3.4	-6.9	-3.5	3	J
21	410	9.4	32	J	9.0	-64	338	3.3	-3.0	-6.8	4	J
22	418	18.2	39	J	5.9	-64	42	1.4	0.4	-4.0	5	J
23	428	23.7	34	J	5.4	-68	243	-0.3	-1.0	-1.7	5	J
24	424	16.4	44	J	8.3	-28	136	-5.0	3.9	-4.7	3	J

SEP. 21, 1990 (264)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	419	13.9	48	J	7.8	-6	113	-2.8	6.1	-2.2	3	J
2	455	15.9	42	J	5.7	35	66	1.9	5.0	2.0	1	J
3	434	7.4	66	J	7.8	31	104	-1.5	6.6	1.7	4	J
4	448	5.6	73	J	7.6	35	113	-2.0	5.8	1.8	4	J
5	428	5.2	166	J	7.2	6	154	-6.2	3.0	-0.5	2	J
6	431	4.3	89	J	7.3	-1	150	-6.1	3.1	-1.7	2	J
7	431	4.1	74	J	6.9	-4	156	-6.1	2.1	-1.7	2	J
8	441	4.2	55	J	7.4	5	149	-6.1	3.5	-1.4	2	J
9	454	4.3	60	J	7.1	-3	139	-4.9	3.4	-2.6	3	J
10	446	4.4	63	J	6.8	-21	153	-5.3	0.9	-3.4	2	J
11	448	3.9	53	J	7.0	-24	154	-5.5	0.6	-3.8	2	J
12	448	3.8	41	J	7.3	-7	153	-6.0	2.1	-2.4	3	J
13	457	3.8	46	J	7.8	-1	142	-5.8	3.7	-2.6	2	J
14	471	3.6	44	J	8.0	3	129	-4.8	5.3	-2.8	2	J
15	482	4.7	63	J	7.8	22	123	-3.6	6.2	-0.4	3	J
16	463	4.8	53	J	7.8	3	141	-5.8	4.4	-1.8	2	J
17	458	4.8	72	J	7.4	-8	187	-6.0	-1.0	-0.5	4	J
18	481	4.9	99	J	7.6	-31	158	-2.9	0.4	-2.1	7	J
19	470	4.7	81	J	7.2	-40	189	-3.3	-1.4	-2.5	6	J
20	467	4.8	108	J	6.4	-41	165	-3.4	0.1	-3.1	4	J
21	469	4.5	88	J	7.7	17	125	-4.0	6.1	0.7	2	J
22	460	4.5	98	J	6.9	-7	130	-4.0	4.5	-1.8	3	J
23	471	5.0	99	J	6.6	-22	128	-2.7	3.1	-2.5	5	J
24	462	5.7	83	J	7.1	-39	180	-3.4	-0.6	-2.7	6	J

SEP. 22, 1990 (265)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	458	6.0	83	J	7.4	-45	218	-3.6	-3.8	-3.8	4	J
2	437	5.8	113	J	7.2	-21	143	-4.9	3.0	-3.3	3	J
3	430	5.5	67	J	7.0	-6	140	-5.0	3.8	-1.9	2	J
4	456	5.7	77	J	6.7	-47	115	-1.2	1.4	-3.8	5	J
5	464	6.4	80	J	6.3	-64	272	0.1	-3.7	-3.2	4	J
6	436	5.9	86	J	6.5	-43	154	-3.8	-0.1	-4.4	3	J
7	426	6.0	85	J	6.5	-11	146	-4.8	2.3	-2.6	3	J
8	430	5.7	107	J	6.1	-24	171	-4.8	-0.5	-2.2	3	J
9	417	5.6	109	J	6.1	6	166	-5.7	1.5	-0.3	1	J
10	436	5.6	94	J	6.7	21	141	-4.5	4.3	-0.2	3	J
11	453	6.0	137	J	6.7	27	136	-4.0	4.8	0.1	2	J
12	447	5.6	82	J	7.0	40	139	-3.9	5.2	1.6	2	J
13	446	6.3	153	J	6.3	24	119	-2.6	5.2	-0.6	2	J
14	445	6.0	118	J	6.1	-43	152	-2.7	-0.3	-3.2	4	J
15	453	6.5	140	J	6.3	-52	182	-2.5	-1.7	-2.8	5	J
16	453	6.1	107	J	6.6	-32	129	-2.5	1.6	-3.5	5	J
17	443	6.2	97	J	7.1	38	133	-3.7	5.3	2.3	2	J
18	446	5.9	70	J	7.1	46	131	-3.1	5.1	3.4	1	J
19	456	6.4	89	J	6.7	31	114	-2.1	5.4	1.5	3	J
20	406	6.9	141	J	6.5	6	171	-5.9	1.1	0.4	3	J
21	435	6.9	141	J	6.1	-35	131	-2.3	2.0	-3.0	4	J
22	446	5.6	83	J	6.1	-27	104	-1.1	4.0	-3.3	3	J
23	416	8.1	159	J	6.3	13	127	-3.3	4.6	0.3	3	J
24												

SEP. 23, 1990 (266)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2	413	5.8	64	J								
3	442	6.6	87	J								
4	423	6.3	63	J								
5	433	6.5	67	J	6.1	13	79	0.7	3.8	-0.7	5	J
6	403	6.1	68	J	6.6	37	135	-3.3	4.6	1.7	3	J
7	413	6.9	75	J	6.1	-37	137	-3.0	0.9	-4.0	3	J
8	403	7.2	97	J	5.8	5	140	-3.7	2.9	-1.3	3	J
9	394	7.2	100	J	5.8	1	177	-4.6	0.2	-0.1	4	J
10	417	7.6	89	J	6.2	24	128	-2.1	3.1	-0.3	5	J
11	422	7.5	81	J	6.1	10	113	-1.2	2.6	-1.2	5	J
12	403	7.4	79	J	6.1	4	218	-4.5	-2.7	2.3	2	J
13					6.1	15	216	-4.5	-1.9	3.1	2	J
14					6.0	-1	229	-3.5	-3.5	2.0	3	J
15					5.5	-30	85	0.3	1.7	-2.9	4	J
16	396	6.8	83	J	5.5	-15	97	-0.4	2.7	-2.4	4	J
17	397	6.8	89	J	5.6	47	153	-2.7	2.5	2.4	4	J
18	421	6.8	78	J	5.4	55	76	0.7	3.8	2.7	3	J
19	413	6.9	85	J	5.2	42	91	0.0	2.6	1.2	5	J
20	416	6.5	59	J	5.5	7	91	-0.1	4.6	-0.7	3	J
21	399	6.0	34	J	6.7	53	127	-2.4	4.3	4.3	1	J
22	416	6.3	34	J								
23	389	6.9	72	J	6.7	11	137	-3.3	3.2	0.2	5	J
24	402	6.2	52	J	6.4	23	115	-1.9	4.5	1.0	4	J

SEP. 24, 1990 (267)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	397	6.3	58	J	6.6	13	111	-2.2	6.0	0.0	2	J
2												
3												
4												
5												
6	408	5.9	51	J	6.2	-16	100	-1.0	4.1	-3.8	2	J
7	400	5.6	48	J	6.3	-17	110	-2.0	3.9	-4.2	2	J
8	404	5.6	45	J	6.3	-13	108	-1.7	3.8	-3.9	3	J
9												
10												
11												
12	391	5.7	43	J	6.3	-35	120	-2.5	1.6	-5.3	2	J
13	390	5.1	50	J	6.2	-9	130	-3.6	3.1	-3.1	3	J
14	400	4.7	68	J	5.8	-7	123	-2.9	3.4	-2.9	2	J
15	415	4.7	51	J	5.7	5	110	-1.8	4.6	-2.0	2	J
16					5.8	-36	119	-1.8	1.7	-3.9	4	J
17	407	5.0	52	J	6.0	6	121	-2.6	4.1	-1.2	3	J
18	408	5.1	30	J	6.5	30	98	-0.7	5.6	1.0	3	J
19	401	5.4	26	J	7.7	13	92	-0.2	7.2	-0.6	3	J
20	402	7.5	39	J	6.5	16	81	0.7	4.5	0.1	5	J
21	403	8.2	36	J	7.3	41	59	2.6	5.2	3.3	3	J
22	409	9.7	21	J	7.1	81	62	0.5	2.4	6.5	1	J
23	397	10.6	35	J	5.9	65	101	-0.3	2.3	3.0	5	J
24	382	14.2	18	J	6.1	15	112	-2.1	5.3	0.4	2	J

SEP. 25, 1990 (268)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	388	25.4	15	J	4.0	-31	309	1.5	-2.1	-0.9	3	J
2	387	20.9	10	J	6.3	-47	313	2.1	-3.0	-2.6	5	J
3	394	30.5	30	J	5.9	6	310	2.7	-3.0	1.4	4	J
4	384	27.5	23	J	6.9	-42	313	3.3	-4.8	-2.8	3	J
5	379	21.7	32	J	7.4	-15	313	4.5	-5.2	0.3	3	J
6	398	9.8	67	J	9.4	-18	329	5.5	-3.9	-0.4	7	J
7	393	8.6	80	J	9.9	-15	11	8.2	0.3	-2.7	5	J
8	393	8.2	69	J	9.9	8	356	8.7	0.1	1.4	5	J
9	404	9.4	59	J	8.9	-26	302	4.0	-7.3	0.4	3	J
10												
11	446	6.0	132	J	8.1	-7	299	3.8	-6.2	3.1	2	J
12	446	6.0	126	J	8.2	-8	306	4.7	-5.9	2.7	2	J
13	448	7.0	144	J	7.2	-2	317	5.2	-4.2	2.5	1	J
14	453	6.6	120	J	7.1	5	294	2.8	-5.0	3.7	2	J
15	445	7.1	111	J	6.8	-3	308	4.0	-4.6	2.2	2	J
16	443	6.5	123	J	6.2	-4	303	3.2	-4.5	1.8	2	J
17	437	6.8	130	J	5.7	9	321	3.8	-2.5	2.0	3	J
18	475	6.9	129	J	5.8	-33	220	-2.1	-2.3	-1.1	5	J
19	470	6.3	128	J	6.3	-29	211	-3.2	-2.5	-1.4	5	J
20	482	5.9	153	J	4.9	-30	65	0.8	1.4	-1.6	5	J
21	480	5.2	142	J	3.8	-32	232	-1.3	-1.9	-0.9	3	J
22	470	5.4	155	J	3.9	-13	329	2.8	-1.8	-0.4	2	J
23	466	5.3	170	J	3.7	-52	325	1.4	-1.4	-1.9	3	J
24	448	4.7	141	J	4.1	17	350	3.8	-0.4	1.3	1	J

SEP. 26, 1990 (269)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	451	3.7	106	J	5.2	10	352	5.0	-0.5	1.0	1	J
2	448	4.3	133	J	5.2	19	341	4.5	-1.1	2.0	1	J
3												
4												
5	438	4.5	87	J	7.6	11	332	6.5	-2.6	2.7	1	J
6	428	4.8	122	J	7.6	18	328	6.0	-2.4	3.8	2	J
7	421	5.1	98	J	7.4	12	324	5.2	-2.6	3.0	3	J
8	421	5.9	132	J	7.5	35	324	4.8	-0.8	5.4	2	J
9	429	6.5	126	J	7.6	9	301	3.4	-4.1	3.9	4	J
10	432	7.1	160	J	6.8	-8	308	3.7	-4.3	2.0	4	J
11	409	7.7	128	J	7.7	3	313	4.9	-4.1	3.3	3	J
12	407	8.1	110	J	7.7	0	312	4.8	-4.4	3.0	3	J
13	402	8.7	126	J	7.7	25	347	6.4	0.4	3.3	3	J
14												
15	439	9.4	114	J	6.7	-66	122	-0.9	-0.6	-4.2	5	J
16	422	9.4	131	J	6.9	-25	325	4.5	-4.0	-0.9	3	J
17	414	8.2	69	J	7.4	24	352	6.1	0.3	2.8	3	J
18	407	7.7	49	J	7.1	8	344	6.5	-1.4	1.5	2	J
19	459	8.2	66	J	7.0	-45	267	-0.2	-4.0	-2.1	5	J
20					6.7	17	317	3.6	-2.9	2.4	4	J
21	443	7.4	69	J	7.4	12	313	3.0	-2.9	1.7	6	J
22	440	7.0	77	J	7.1	51	327	3.6	-1.1	5.7	2	J
23	449	8.2	155	J	5.4	21	332	3.5	-1.5	1.9	4	J
24	481	7.9	115	J	5.8	4	323	4.0	-2.9	1.0	3	J

SEP. 27, 1990 (270)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	473	7.4	93	J	6.3	-5	278	0.6	-4.4	0.6	4	J
2	462	6.8	82	J	5.9	-21	314	3.4	-3.9	-0.9	3	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18	445	6.9	74	J	5.7	40	37	3.4	3.6	2.4	2	J
19	439	6.6	65	J	6.3	32	38	4.1	4.0	2.1	2	J
20	449	7.5	64	J	6.0	46	45	2.5	3.4	2.9	3	J
21												
22												
23												
24												

90-10-02 - 90-10-09

OCT. 2, 1990 (275)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	333	12.0	32	J	7.0	14	324	4.6	-2.0	3.0	4	J
13	342	12.0	22	J	7.6	-49	316	3.4	-5.6	-2.7	3	J
14	346	12.3	25	J	8.0	-33	308	2.6	-4.2	-0.6	6	J
15	348	12.9	18	J	8.4	38	288	1.9	-2.8	6.9	3	J
16	337	12.5	24	J	8.3	14	313	5.0	-4.0	4.0	3	J
17												
18												
19	338	10.5	22	J	10.1	-12	313	6.3	-7.0	0.1	3	J
20	335	10.5	15	J	10.1	1	311	6.3	-7.0	2.0	2	J
21	333	10.8	16	J	10.2	15	319	7.1	-5.4	3.8	3	J
22	355	15.5	33	J	9.3	8	296	3.9	-7.5	2.9	2	J
23	368	17.7	35	J	8.2	12	276	0.8	-6.7	3.0	4	J
24	359	18.1	42	J	9.1	9	287	2.5	-7.6	3.0	3	J

OCT. 3, 1990 (276)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	364	19.9	48	J	8.8	10	280	1.3	-6.7	2.9	5	J
2	355	19.9	58	J	8.8	-3	299	3.8	-6.8	1.4	4	J
3	354	21.8	79	J	7.8	18	334	3.8	-1.3	1.8	7	J
4	362	20.5	64	J	8.8	-10	281	1.5	-7.9	1.4	3	J
5	363	19.3	72	J	9.7	0	284	2.2	-8.0	3.4	4	J
6	365	19.7	59	J	9.1	12	270	0.0	-6.9	5.4	2	J
7	357	19.5	92	J	8.8	-3	309	4.9	-5.5	2.6	4	J
8	367	20.5	72	J	10.2	-12	283	2.1	-8.9	3.1	3	J
9	363	19.6	73	J	11.9	-17	325	8.9	-7.1	0.6	3	J
10	390	20.6	111	J	11.4	-2	311	7.1	-7.0	4.3	4	J
11	387	19.3	124	J	11.7	-6	313	7.5	-7.3	3.6	4	J
12	417	19.0	129	J	11.0	24	289	2.6	-4.2	7.1	7	J
13	445	17.4	127	J	11.2	26	274	0.6	-5.3	8.8	5	J
14	430	16.9	164	J	10.4	-11	306	5.3	-7.2	2.3	5	J
15	431	13.2	182	J	12.3	18	307	6.4	-5.8	7.1	5	J
16	441	12.4	189	J	12.7	12	304	6.1	-7.2	6.1	6	J
17	461	12.0	138	J	13.0	41	327	7.6	-1.5	9.2	5	J
18	466	12.6	118	J	13.9	34	304	6.2	-6.1	10.2	4	J
19	450	12.7	95	J	13.0	-1	315	8.8	-8.4	2.4	4	J
20	469	13.2	124	J	13.1	9	294	4.0	-8.2	3.8	9	J
21	462	12.2	129	J	13.0	42	320	6.9	-3.8	9.3	5	J
22	465	13.0	185	J	9.4	24	332	6.0	-2.5	3.6	6	J
23	476	12.7	191	J	8.2	27	313	4.3	-3.9	4.1	4	J
24	476	11.4	157	J	8.6	31	317	5.0	-3.7	4.9	3	J

OCT. 4, 1990 (277)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	482	10.8	142	J	8.2	27	307	3.8	-4.1	4.2	4	J
2	472	10.3	122	J	8.4	17	327	5.7	-3.0	3.0	4	J
3	474	10.5	120	J	9.0	27	323	5.8	-3.1	4.8	4	J
4	484	10.9	147	J	8.8	17	308	4.1	-4.2	3.7	5	J
5	475	10.7	123	J	8.9	19	324	5.7	-2.9	3.9	5	J
6	475	10.3	114	J	9.0	-33	334	6.2	-4.7	-2.7	4	J
7	509	10.0	108	J	9.0	13	282	1.4	-5.1	4.7	6	J
8	458	9.6	72	J	8.6	12	335	6.6	-1.8	2.9	4	J
9	486	10.3	110	J	9.0	-40	310	3.6	-6.2	-1.6	5	J
10	487	10.4	107	J	8.9	-17	306	3.9	-5.6	1.3	6	J
11	490	9.3	129	J	9.6	2	316	5.5	-4.2	3.2	6	J
12	506	8.8	124	J	8.6	58	349	3.7	2.8	5.4	5	J
13	501	8.8	148	J	8.0	41	329	4.5	0.2	5.3	4	J
14	503	9.0	168	J	7.7	-23	326	4.3	-3.7	-0.4	5	J
15	532	7.8	150	J	7.1	-35	265	-0.3	-3.8	-0.4	6	J
16	526	7.5	155	J	6.5	-44	273	0.2	-3.9	-1.3	5	J
17	519	7.2	137	J	5.7	-52	345	2.3	-1.7	-2.5	4	J
18	525	7.0	105	J	6.8	-37	280	0.8	-5.6	-1.8	3	J
19	542	7.2	122	J	6.9	-72	198	-1.1	-1.4	-3.3	6	J
20	517	6.5	106	J	6.9	56	334	3.2	-0.2	5.5	3	J
21	503	6.3	88	J	6.5	32	345	4.6	-0.5	3.2	3	J
22	511	6.2	92	J	5.7	25	31	3.8	2.7	1.6	3	J
23	508	6.4	76	J	6.1	43	1	4.2	0.9	3.9	2	J
24	495	5.8	57	J	5.9	24	345	4.9	-0.8	2.5	2	J

OCT. 5, 1990 (278)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	513	5.3	63	J	5.7	-30	315	3.0	-3.5	-1.7	3	J
2	515	5.2	69	J	5.5	-49	308	1.7	-3.0	-2.6	3	J
3	501	4.9	67	J	5.1	-8	311	3.1	-3.5	0.4	2	J
4	493	5.3	78	J	4.9	-17	314	3.1	-3.5	-0.2	2	J
5	487	5.3	82	J	5.0	-22	315	2.9	-3.3	-0.4	2	J
6	507	5.4	45	J	5.3	-47	269	-0.1	-4.4	-1.7	2	J
7	475	5.2	78	J	5.8	-35	330	3.7	-3.3	-1.6	3	J
8	454	5.2	62	J	6.0	-1	332	4.7	-2.2	1.2	3	J
9	463	5.3	94	J	6.0	4	325	4.4	-2.4	2.0	2	J
10	484	5.1	54	J	6.3	-33	328	3.9	-3.7	-1.1	3	J
11	467	5.9	92	J	6.3	14	327	4.3	-1.6	2.6	3	J
12	483	5.2	84	J	5.5	-11	336	3.9	-1.9	0.3	4	J
13	485	5.7	99	J	5.9	22	339	3.6	-0.3	2.1	4	J
14	497	5.7	88	J	5.5	-44	324	2.4	-3.0	-1.6	4	J
15	500	5.5	64	J	6.0	52	309	2.0	-0.2	4.7	3	J
16	485	6.4	137	J	6.0	9	327	3.9	-2.0	1.8	4	J
17	497	6.2	90	J	6.3	25	293	1.9	-3.3	3.9	3	J
18	492	5.8	77	J	6.5	20	299	2.8	-4.0	3.7	2	J
19	491	5.7	75	J	6.6	33	299	2.2	-2.9	3.9	4	J
20	499	6.2	78	J	6.6	31	294	1.7	-3.1	3.4	4	J
21	490	6.6	65	J	7.1	11	303	2.8	-4.0	2.0	5	J
22	474	6.3	82	J	6.6	-14	314	3.7	-4.0	-0.5	4	J
23	468	5.8	106	J	6.0	-19	326	4.2	-3.1	-1.1	3	J
24	514	4.6	62	J	6.5	63	267	-0.1	-1.5	5.4	3	J

OCT. 6, 1990 (279)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					7.2	76	295	0.7	0.0	6.9	2	J
2					6.3	-3	303	2.9	-4.4	0.9	3	J
3												
4												
5												
6												
7					6.1	-26	359	4.9	-1.2	-2.0	3	J
8					6.6	-53	350	3.7	-3.2	-4.0	2	J
9					6.6	-55	3	3.7	-2.7	-4.5	2	J
10					6.4	-44	3	4.5	-2.3	-3.8	1	J
11					6.4	-15	354	6.1	-1.4	-1.0	1	J
12					6.2	-5	330	4.2	-2.3	1.0	4	J
13					5.3	48	294	1.4	-0.6	4.8	2	J
14					4.6	-2	352	4.2	-0.6	0.2	2	J
15					4.6	-11	330	3.3	-2.0	0.3	2	J
16					5.0	19	321	2.3	-1.2	1.7	4	J
17					4.7	0	302	1.9	-2.8	1.2	3	J
18					4.9	-35	326	2.6	-2.4	-1.5	3	J
19	496	3.6	75	J	4.6	-4	328	3.0	-1.9	0.3	3	J
20	511	4.0	65	J	4.6	43	272	0.1	-2.1	3.3	3	J
21	483	4.1	95	J	4.7	-18	324	3.3	-2.6	-0.8	2	J
22	477	4.5	146	J	4.2	-11	329	3.4	-2.1	-0.3	1	J
23					4.7	1	343	4.3	-1.3	0.3	1	J
24					4.4	-4	346	4.2	-1.1	-0.1	1	J

OCT. 7, 1990 (280)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	461	4.8	42	J	4.3	-34	317	2.4	-3.0	-0.6	2	J
11	465	5.4	69	J	3.9	-36	319	2.0	-2.5	-0.6	2	J
12	433	4.5	92	J	4.8	-13	357	4.6	-0.8	-0.7	1	J
13	429	4.6	71	J	5.1	-19	10	4.5	-0.2	-1.7	2	J
14	427	4.8	64	J	5.3	-15	21	4.6	0.8	-2.0	1	J
15	404	6.6	161	J	5.3	-11	4	4.9	-0.1	-1.0	2	J
16	406	6.4	193	J	5.0	8	332	3.9	-1.6	1.5	2	J
17					5.4	-11	327	4.0	-2.8	0.1	2	J
18					4.9	-6	327	3.7	-2.4	0.4	2	J
19					5.2	-4	348	5.0	-1.1	0.0	1	J
20	403	3.8	19	J	5.1	-5	359	4.9	-0.2	-0.4	2	J
21	410	4.0	35	J	4.9	12	344	3.9	-0.9	1.1	3	J
22	406	4.2	34	J	4.9	5	343	4.3	-1.2	0.6	2	J
23	401	4.3	31	J	5.0	-21	0	4.5	-0.3	-1.7	1	J
24	404	4.5	36	J	5.0	-17	13	3.2	0.5	-1.1	4	J

OCT. 8, 1990 (281)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	432	5.0	67	J	4.7	2	249	-1.2	-3.1	0.8	3	J
2	424	4.7	41	J	4.8	6	257	-1.0	-4.2	1.6	2	J
3	425	4.8	37	J	4.9	-10	252	-1.4	-4.3	0.5	2	J
4	398	4.5	44	J	4.7	2	301	1.7	-2.6	1.1	3	J
5	393	4.6	38	J	4.7	-6	323	3.4	-2.5	0.6	2	J
6	379	4.4	43	J	4.7	-2	335	4.3	-1.9	0.7	1	J
7	387	4.2	36	J	4.4	-12	316	2.9	-2.9	0.6	2	J
8	378	4.3	46	J	4.5	-5	349	4.2	-0.9	0.1	1	J
9	390	4.7	46	J	4.5	-28	336	3.5	-2.4	-0.9	1	J
10												
11												
12												
13	391	5.1	37	J	3.8	-20	262	-0.4	-2.8	0.6	3	J
14	392	4.8	18	J	4.3	-24	247	-1.4	-3.7	0.3	2	J
15	384	5.9	18	J	4.6	-68	203	-1.4	-2.3	-3.0	2	J
16	385	6.0	17	J	5.3	-6	249	-1.9	-4.6	1.6	1	J
17					4.7	-4	263	-0.6	-4.3	1.4	1	J
18					4.4	6	277	0.5	-3.9	1.8	1	J
19					4.1	6	289	1.3	-3.5	1.5	1	J
20	366	5.5	13	J	4.2	7	298	1.9	-3.4	1.4	1	J
21	369	8.2	25	J	5.0	14	290	1.4	-3.5	1.8	3	J
22	377	10.1	29	J	6.6	6	298	3.0	-5.5	1.8	2	J
23	383	16.0	54	J	6.9	28	307	3.3	-3.7	3.7	3	J
24	370	15.3	43	J	7.1	8	294	2.8	-6.0	2.2	2	J

OCT. 9, 1990 (282)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	371	15.6	31	J	6.1	-14	282	1.1	-5.4	-0.2	3	J
2												
3												
4	343	13.3	45	J	6.2	-17	331	5.2	-3.3	-0.7	1	J
5	341	12.8	24	J	6.3	-7	326	5.0	-3.4	0.6	2	J
6	341	13.6	25	J	6.4	-11	320	4.7	-4.1	0.6	1	J
7	337	13.0	14	J	6.7	-1	321	5.1	-3.7	1.9	1	J
8	338	14.2	14	J	6.3	4	314	4.3	-3.6	2.7	1	J
9	340	15.0	13	J	6.5	1	308	4.0	-4.2	2.9	1	J
10	340	17.3	15	J	6.8	-4	309	4.3	-4.6	2.5	1	J
11	342	26.4	23	J	6.1	1	311	3.9	-3.7	2.6	1	J
12	350	35.5	24	J	6.7	38	294	1.7	-1.4	4.9	4	J
13												
14												
15												
16												
17												
18												
19												
20												
21	432	24.3	195	J	12.7	-15	132	-7.3	7.3	-4.6	6	J
22	439	23.3	213	J	12.6	27	136	-6.9	7.5	3.5	7	J
23	460	20.4	209	J	12.8	0	114	-3.7	8.3	-1.6	9	J
24	487	18.1	178	J	12.3	-32	103	-1.6	5.8	-5.6	9	J

90-10-10 - 90-10-21

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					OCT. 10, 1990 (283)							
1	487	15.9	154	J	11.3	-61	126	-2.7	1.8	-8.8	6	J
2	477	17.5	114	J	9.8	-72	228	-1.8	-4.1	-7.7	4	J
3	475	14.4	67	J	10.9	-35	135	-5.0	3.4	-6.2	7	J
4	491	14.4	19	J	12.3	-13	105	-3.1	9.9	-6.4	2	J
5	484	14.5	14	J	12.1	-16	96	-1.2	9.3	-7.5	2	J
6	484	12.3	11	J	12.4	-28	94	-0.8	7.3	-10.0	1	J
7	483	11.2	11	J	12.6	-44	94	-0.6	3.7	-11.9	1	J
8	493	17.0	16	J	11.2	-46	102	-1.6	2.3	-10.5	3	J
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					OCT. 16, 1990 (289)							
1	482	5.6	93	J	4.9	19	150	-3.7	2.4	1.0	2	J
2	475	5.9	108	J	5.1	-3	178	-4.6	0.1	-0.3	2	J
3	477	5.1	83	J	5.2	28	173	-4.3	1.1	2.1	2	J
4	459	5.4	137	J	4.9	22	178	-4.4	0.7	1.6	2	J
5	446	6.6	155	J	5.0	-1	142	-3.4	2.4	-1.1	2	J
6	506	4.9	37	J	5.0	-28	83	0.4	2.3	-3.1	3	J
7	521	4.8	43	J	5.0	-14	44	3.4	2.4	-2.6	1	J
8	486	5.3	75	J	4.8	-35	80	0.5	1.4	-3.1	3	J
9	470	4.8	98	J	3.9	6	200	-3.4	-0.8	1.0	2	J
10	466	4.6	65	J	4.0	-2	166	-3.6	0.7	-0.6	1	J
11	466	4.3	71	J	4.8	-14	205	-3.8	-2.0	0.1	2	J
12	451	5.1	95	J	4.9	-8	196	-4.3	-1.4	0.1	2	J
13	444	6.0	111	J	5.0	-2	203	-4.4	-1.7	0.8	1	J
14	465	4.5	40	J	4.9	-18	134	-2.6	1.7	-2.4	3	J
15	456	4.6	38	J	5.4	30	192	-4.5	0.4	2.8	1	J
16	452	4.8	33	J	5.4	18	156	-4.2	2.3	0.6	2	J
17	454	5.5	25	J	5.3	10	163	-4.1	1.5	0.3	3	J
18	448	5.3	32	J	5.1	13	172	-4.8	1.0	0.9	1	J
19	440	5.3	56	J	5.2	11	171	-4.8	1.0	0.7	1	J
20	428	5.1	105	J	4.9	-9	154	-4.0	1.7	-1.1	2	J
21	445	5.2	39	J	5.0	-16	117	-1.9	3.5	-1.9	2	J
22	446	4.9	33	J	4.8	-13	114	-1.7	3.5	-1.6	2	J
23	445	5.1	41	J	5.0	-15	100	-0.8	4.0	-1.9	2	J
24	435	5.2	59	J	4.4	-10	174	-2.1	0.1	-0.4	4	J
					OCT. 18, 1990 (291)							
1	384	5.7	112	J	3.7	24	176	-3.3	0.5	1.4	1	J
2	390	6.3	68	J	3.1	25	173	-2.5	0.6	1.1	1	J
3	400	6.8	29	J	2.3	30	177	-1.8	0.4	1.0	1	J
4	395	7.2	24	J	2.2	40	148	-1.4	1.2	1.0	1	J
5	392	7.3	23	J	2.6	53	146	-1.2	1.5	1.5	1	J
6	381	6.6	42	J	3.5	15	148	-2.5	1.7	0.1	2	J
7	374	6.5	46	J	3.6	-9	151	-2.9	1.2	-1.2	2	J
8	384	6.6	20	J	3.7	-4	102	-0.7	2.7	-1.8	2	J
9	381	6.6	16	J	3.6	-18	112	-1.2	2.0	-2.5	1	J
10	383	6.6	14	J	3.5	-39	103	-0.5	0.9	-2.7	2	J
11	372	7.2	16	J	3.4	-6	151	-2.6	1.0	-1.0	2	J
12	367	7.3	16	J	3.7	10	134	-2.3	2.3	-0.8	2	J
13	367	7.0	16	J	4.0	-12	147	-3.1	1.3	-1.7	1	J
14	366	7.1	16	J	4.0	-17	127	-2.2	2.0	-2.4	1	J
15					4.6	-29	115	-1.6	2.2	-3.5	1	J
16	365	6.6	9	J	4.6	-51	153	-2.5	-0.2	-3.7	1	J
17	365	6.6	10	J	4.5	-73	165	-1.2	-1.2	-4.0	1	J
18	361	7.2	9	J	3.8	-40	156	-2.2	0.3	-2.2	2	J
19	357	8.5	5	J	3.5	-13	144	-2.7	1.7	-1.3	1	J
20	356	8.0	5	J	3.6	-27	144	-2.5	1.4	-2.0	1	J
21	351	8.5	7	J	3.8	-36	134	-2.1	1.7	-2.6	1	J
22	354	11.3	22	J	3.7	-44	129	-1.7	1.6	-2.9	1	J
23					3.5	-45	119	-1.2	1.7	-2.8	1	J
24	338	13.9	53	J	3.7	-43	134	-1.9	1.5	-2.8	1	J
					OCT. 20, 1990 (293)							
1	370	12.4	58	J	11.4	10	144	-9.0	6.8	0.7	2	J
2	366	12.8	63	J	11.3	21	155	-9.3	5.1	2.9	3	J
3												
4												
5												
6												
7												
8												
9												
10												
11	420	15.9	157	J	9.7	-59	323	3.9	-6.9	-5.3	2	J
12	411	9.8	129	J	12.5	-12	127	-6.5	6.1	-6.6	6	J
13	417	6.7	101	J	13.9	45	151	-8.2	8.7	5.8	4	J
14	451	12.1	274	J	10.2	23	130	-4.9	6.7	0.0	6	J
15	461	10.4	227	J	10.9	-51	120	-3.1	1.4	-9.1	5	J
16	469	10.5	177	J	10.8	35	161	-7.9	4.8	4.3	4	J
17	470	9.7	142	J	9.3	3	173	-8.2	1.1	0.1	4	J
18	473	8.0	95	J	7.9	-23	166	-6.8	0.7	-3.3	2	J
19	481	8.1	140	J	8.0	-25	128	-3.3	3.5	-3.6	5	J
20	481	7.3	169	J	8.0	-41	110	-1.8	3.9	-5.6	4	J
21	477	7.0	167	J	7.9	-41	121	-2.6	3.4	-5.1	4	J
22	482	6.4	131	J	8.2	-25	106	-1.6	5.1	-3.7	5	J
23	461	5.6	103	J	8.2	2	124	-4.1	6.0	-0.7	4	J
24	457	5.5	67	J	8.1	13	129	-4.6	5.9	0.7	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					OCT. 15, 1990 (288)							
1												
2												
3												
4												
5												
6												
7												
8	441	7.5	90	J								
9	445	7.1	73	J	7.0	-10	128	-3.5	3.2	-3.2	4	J
10	456	6.7	76	J	7.4	24	127	-3.4	5.1	-0.4	4	J
11	472	6.7	71	J	6.7	16	127	-2.6	3.6	-0.9	5	J
12	486	7.0	62	J	6.2	-7	97	-0.6	3.5	-2.9	4	J
13	476	6.7	68	J	6.2	-17	108	-1.5	3.2	-3.7	4	J
14	482	6.9	70	J	6.3	-30	110	-1.4	2.2	-4.0	4	J
15	479	7.3	87	J	6.5	-21	121	-2.5	2.9	-3.6	3	J
16	464	6.8	87	J	6.0	-13	166	-4.3	0.5	-1.4	4	J
17	463	7.1	78	J	7.0	-18	141	-4.4	2.7	-3.0	3	J
18	451	7.3	83	J	6.9	22	152	-5.6	3.6	1.5	1	J
19												
20												
21												
22												
23	491	5.8	97	J	4.6	24	137	-2.7	2.7	1.2	2	J
24	502	5.5	64	J	5.0	59	154	-2.1	1.7	3.6	2	J
					OCT. 17, 1990 (290)							
1	421	5.6	94	J	4.6	-16	145	-3.1	1.9	-1.5	2	J
2	419	5.6	116	J	4.5	7	171	-3.6	0.7	0.3	3	J
3	445	5.2	82	J	4.1	-14	61	0.5	0.8	-0.5	4	J
4	421	4.6	90	J	3.8	19	196	-3.4	-0.5	1.4	1	J
5					3.7	-26	186	-2.9	-0.8	-1.2	2	J
6					3.9	-8	175	-3.7	0.1	-0.6	1	J
7	406	4.1	51	J	4.1	5	176	-3.7	0.4	0.2	2	J
8	405	4.5	54	J	4.1	-4	190	-3.8	-0.7	0.1	1	J
9	409	4.5	32	J	4.5	3	186	-3.9	-0.2	0.4	2	J
10	404	5.0	56	J	4.6	24	197	-3.9	0.0	2.2	1	J
11	409	4.9	63	J	4.6	8	213	-3.8	-1.7	1.9	1	J
12	412	5.4	52	J	4.4	13	222	-3.0	-1.8	2.3	1	J
13	419	6.3	50	J	3.3	18	213	-2.5	-0.9	1.7	1	J
14	427	6.7	17	J	2.8	11	218	-2.2	-1.2	1.3	1	J
15	423	6.1	23	J	3.1	10	224	-2.2	-1.6	1.4	1	J
16	426	6.7	19	J	2.3	33	217	-1.5	-0.5	1.5	1	J
17	423	6.6	19	J	1.9	42	212	-1.1	-0.2	1.4	1	J
18	410	5.4	24	J	3.2	18	205	-2.8	-0.9	1.3	1	J
19	401	4.2	21	J	4.4	13	208	-3.8	-1.7	1.5	1	J
20	401	4.6	41	J	4.3	12	206	-3.8	-1.6	1.3	1	J
21	379	5.0	108	J	4.2	10	160	-3.5	1.4	0.4	2	J
22	381	5.5	104	J	4.2	12	148	-3.2	2.1	0.4	2	J
23	393	5.5	68	J	3.3	22	184	-2.8	0.0	1.1	1	J
24	394	5.5	69	J	3.2	26	183	-2.8	0.1	1.4	1	J
					OCT. 19, 1990 (292)							
1					4.4	-46	139	-2.3	1.3	-3.4	1	J
2	272	46.8	1163	J	4.8	-54	133	-1.9	1.1	-4.2	1	J
3	324	22.6	104	J	4.1	-82	130	-0.3	-0.6	-3.7	2	J
4	340	17.3	48	J	4.7	-83	76	0.1	-0.9	-4.4	1	J
5	359	8.1	20	J	6.3	-2	135	-4.2	3.8	-1.7	2	J
6	355	7.6	23	J	6.4	-4	131	-4.1	4.1	-2.4	1	J
7												
8	356	8.2	28	J	6.6	13	126	-3.8	5.3	-1.3	1	J
9	357	9.9	21	J	6.0	30	128	-3.1	5.0	0.4	1	J
10	357	9.9	22	J	6.2	-12	120	-2.7	3.3	-3.5	3	J
11	353	10.2	27	J	6.2	-8	126	-3.5	3.6	-3.3	2	J
12	349	10.5	30	J	6.3	-41	169	-4.3	-1.3	-3.7	2	J
13	344	12.7	38	J	5.7	-29	161	-4.5	0.0	-3.0	2	J
14	331	13.0	11	J	5.7	-20	142	-4.1	1.9	-3.2	1	J
15	331	12.3	14	J	6.3	-1	139	-4.7	3.6	-1.9	1	J
16	326	12.3	14	J	6.8	5	142	-5.3	4.0	-1.1	1	J
17	332	11.6	15	J	7.9	9	145	-6.4	4.6	-0.4	1	J
18	327	12.1	17	J	8.6	16	159	-7.6	3.5	1.3	2	J
19	332	12.2	17	J	9.2	9	145	-7.2	5.2	0.0	2	J
20	329	13.0	23	J	9.3	0	140	-7.0	5.8	-1.3	2	J
21	343	13.5	41	J	8.7	-28	127	-4.0	4.5	-4.5	4	J
22	343	13.6	60	J	8.8	-12	131	-4.7	5.1	-2.4	5	J
23	344	11.5	46	J	10.8	56	169	-5.7	2.5	8.3	3	J
24	363	10.3	56	J	11.7	28	150	-8.6	5.8	4.4	3	J
					OCT. 21, 1990 (294)							
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19	420	4.7	37	J	2.8	21	16	2.3	0.9	0.7	1	J
20	420	4.2	40	J	2.9	29	17	2.3	1.0	1.2	1	J
21	422	4.2	41	J	3.1	21	358	2.8	0.1	1.1	1	J
22	415	4.1	30	J	2.6	-4	354	2.6	-0.3	-0.1	1	J
23	397	4.4	35	J	2.1	-47	359	0.9	-0.2	-0.9	2	J
24												

90-10-22 - 90-11-03

OCT. 22, 1990 (295)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	365	4.1	23	J	5.2	-16	140	-3.8	2.8	-2.0	1	J
2	367	4.4	24	J	5.3	-21	128	-2.9	3.2	-2.5	2	J
3	382	6.8	23	J	5.3	-47	125	-2.0	1.8	-4.3	2	J
4	378	6.6	29	J	6.1	-23	122	-2.8	3.6	-3.5	2	J
5	373	6.3	28	J	6.4	13	129	-3.9	5.0	-0.4	1	J
6	387	12.7	29	J	3.8	42	136	-1.8	2.5	1.3	2	J
7	386	12.8	36	J	5.8	20	124	-1.9	3.1	-0.2	5	J
8	385	16.8	31	J	5.9	58	177	-1.9	1.6	2.6	5	J
9	389	13.2	32	J	7.4	10	308	3.6	-3.4	3.3	5	J
10	383	11.3	56	J	6.4	-6	322	4.8	-3.5	1.4	3	J
11	387	12.0	56	J	6.7	-21	323	4.9	-4.4	0.0	1	J
12												
13												
14												
15												
16												
17												
18					7.1	22	322	5.2	-3.1	3.7	1	J
19	409	5.3	30	J	7.7	31	331	5.7	-2.1	4.6	1	J
20	394	6.4	34	J	7.6	32	325	5.2	-2.7	4.7	1	J
21	385	7.8	38	J	7.3	28	323	5.0	-3.1	4.0	2	J
22	401	10.3	58	J	7.0	59	297	0.9	-1.3	3.7	6	J
23	387	11.2	69	J	7.0	40	317	3.5	-2.6	4.5	3	J
24	421	12.2	53	J	9.5	40	298	3.2	-5.0	6.6	3	J

OCT. 23, 1990 (296)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	441	11.6	83	J	10.1	71	243	-1.2	-1.0	8.1	6	J
2	446	12.8	74	J	10.8	36	143	-6.8	6.4	5.0	2	J
3	439	12.0	144	J	7.7	15	319	1.3	-1.0	0.7	8	J
4	445	10.3	141	J	9.6	32	264	-0.8	-5.6	6.6	4	J
5												
6												
7	459	9.4	156	J	7.5	46	8	3.8	2.3	3.3	5	J
8	467	8.4	117	J	7.6	48	74	1.1	5.4	1.9	5	J
9	468	8.9	125	J	5.4	64	40	1.5	3.2	2.9	3	J
10	467	7.9	93	J	5.6	40	103	-0.8	4.8	0.7	3	J
11												
12												
13												
14												
15												
16												
17												
18												
19	478	11.3	173	J	7.2	13	352	6.2	-0.5	1.6	3	J
20					7.8	-20	339	6.2	-2.8	-1.9	3	J
21												
22												
23												
24												

OCT. 29, 1990 (302)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9					7.3	-36	338	5.4	-4.0	-2.6	1	J
10					7.5	-45	347	5.0	-3.6	-3.8	2	J
11					7.0	-43	343	4.4	-3.4	-3.0	3	J
12	391	5.3	13	J	7.6	0	314	5.1	-4.5	2.6	2	J
13	398	8.5	7	J	7.4	24	303	3.6	-3.4	5.2	2	J
14	404	10.6	10	J	7.1	35	295	2.4	-2.8	5.8	1	J
15	405	5.9	19	J	8.0	17	297	3.3	-5.0	4.8	2	J
16	404	6.0	11	J	8.3	-21	296	3.3	-7.4	-0.2	2	J
17	406	5.8	13	J	8.8	-42	290	2.2	-7.5	-3.5	2	J
18	413	6.2	19	J	9.0	-28	286	2.1	-8.1	-1.9	3	J
19	416	6.8	27	J	9.1	-21	286	2.3	-8.4	-1.3	2	J
20	410	7.5	46	J	8.9	-5	298	3.4	-6.4	0.6	5	J
21	509	16.7	194	J	15.9	-22	265	-1.0	-11.4	-2.7	11	J
22	499	17.6	183	J	17.9	-9	275	1.4	-16.2	-0.4	7	J
23	507	17.9	223	J	17.5	25	261	-2.4	-13.9	8.8	5	J
24	523	18.6	191	J	16.6	15	246	-5.2	-11.2	4.9	10	J

OCT. 30, 1990 (303)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	507	19.0	269	J	16.0	-31	264	-1.0	-10.2	-4.2	12	J
2	499	14.5	281	J	15.3	-74	32	3.3	-0.5	-13.8	6	J
3	463	16.1	210	J	13.8	78	71	0.7	4.5	9.9	9	J
4	518	24.4	110	J	13.5	64	168	-5.5	4.3	10.7	4	J
5	511	24.2	125	J	11.5	51	144	-5.7	6.8	6.8	2	J
6	504	20.9	130	J	10.4	54	137	-4.3	6.9	6.0	2	J
7	498	16.9	106	J	10.6	68	112	-1.5	7.4	7.2	2	J
8	499	9.5	72	J	12.6	44	103	-2.0	11.7	3.6	2	J
9	499	9.1	78	J	11.8	63	108	-1.6	9.5	6.5	3	J
10	498	8.2	95	J	11.4	84	175	-1.1	5.6	9.4	3	J
11	472	8.6	89	J	10.1	23	292	3.1	-4.9	7.0	5	J
12	482	8.2	93	J	9.9	31	284	1.9	-4.2	7.8	4	J
13	478	7.4	78	J	9.9	12	282	1.6	-5.8	5.0	6	J
14	478	7.7	74	J	10.1	0	294	3.8	-7.7	3.9	4	J
15	490	8.6	51	J	9.6	29	278	1.0	-4.8	6.5	5	J
16	493	8.4	54	J	9.5	38	281	1.4	-4.5	7.8	3	J
17	489	8.9	72	J	8.7	-10	286	2.2	-7.6	1.1	3	J
18	497	8.7	93	J	8.4	-16	282	1.4	-7.0	-0.1	5	J
19	498	8.9	144	J	6.5	17	302	2.3	-3.3	2.1	5	J
20	504	9.4	164	J	6.7	32	315	2.6	-2.2	2.8	5	J
21	494	9.1	131	J	7.4	0	298	3.3	-6.1	0.9	2	J
22	492	7.8	89	J	8.3	-11	315	5.6	-5.7	-0.8	2	J
23	518	6.8	102	J	8.4	15	317	5.4	-4.7	2.6	4	J
24	521	6.7	132	J	7.3	-3	329	5.4	-3.3	0.1	4	J

OCT. 31, 1990 (304)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	545	6.1	103	J	7.4	37	309	3.4	-3.6	4.7	3	J
2	552	5.9	89	J	7.5	40	303	3.0	-3.7	5.4	2	J
3												
4												
5												
6												
7	548	5.2	106	J	6.5	-50	341	3.2	-2.7	-3.1	4	J
8	565	4.9	93	J	6.2	-33	324	2.9	-3.0	-1.1	5	J
9	548	4.3	102	J	5.9	-17	336	4.3	-2.4	-0.3	3	J
10	549	4.2	72	J	6.5	-20	347	5.4	-2.1	-1.1	3	J
11	553	3.9	71	J	6.5	-25	348	5.6	-2.4	-1.7	1	J
12	556	4.0	73	J	6.4	2	335	5.2	-2.0	1.4	3	J
13	557	3.6	40	J	6.7	-3	337	6.1	-2.4	0.9	1	J
14	569	3.8	67	J	7.0	-24	322	4.8	-4.5	-0.8	2	J
15	581	4.0	99	J	7.2	-49	336	4.0	-3.7	-3.9	3	J
16	599	4.3	138	J	6.7	12	302	2.2	-2.9	2.1	5	J
17	602	4.5	142	J	6.7	2	291	1.7	-4.2	1.6	5	J
18	603	4.6	159	J	6.5	-38	305	2.3	-3.9	-2.1	4	J
19	586	5.0	195	J	6.2	-13	338	4.2	-1.9	-0.7	4	J
20	573	5.2	174	J	6.2	-27	355	4.4	-0.8	-2.2	4	J
21	574	5.3	143	J	6.2	-29	15	4.8	0.9	-2.9	2	J
22	560	5.0	88	J	6.2	-6	14	5.3	1.2	-0.7	3	J
23	559	5.3	80	J	6.0	-15	14	5.1	1.1	-1.5	3	J
24	560	5.4	75	J	5.8	3	349	4.4	-0.8	0.3	4	J

NOV. 1, 1990 (305)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	544	4.9	51	J	5.6	13	352	5.1	-0.5	1.3	2	J
2	543	5.1	62	J	5.8	19	340	5.0	-1.5	2.1	2	J
3												
4												
5												
6												
7												
8												
9												
10	514	4.8	49	J	6.1	-13	304	2.3	-3.4	0.9	4	J
11	514	5.0	55	J	5.7	5	303	2.4	-3.0	2.2	3	J
12	509	5.0	52	J	5.2	27	6	3.5	1.2	1.4	3	J
13	517	5.2	59	J	5.1	12	335	2.5	-0.7	1.1	4	J
14	522	4.7	54	J	5.5	36	295	1.7	-2.0	4.3	2	J
15	526	4.6	53	J	5.4	29	293	1.6	-2.5	3.5	3	J
16	502	4.5	35	J	5.4	25	327	4.0	-1.6	3.0	2	J
17	487	4.6	45	J	5.5	9	333	4.7	-2.0	1.5	2	J
18	492	5.0	39	J	5.6	33	339	4.1	-0.8	3.1	2	J
19	511	5.6	37	J	5.9	45	309	2.1	-1.9	3.9	3	J
20	504	5.9	49	J	5.8	9	307	2.7	-3.4	1.3	4	J
21	501	5.9	49	J	5.8	-25	309	2.7	-3.6	-1.5	3	J
22	505	5.7	54	J	5.7	8	289	1.1	-3.2	0.9	5	J
23	497	5.8	55	J	5.5	-1	301	2.4	-4.0	0.4	3	J
24	500	5.9	55	J	5.5	-28	297	1.7	-3.6	-1.6	4	J

NOV. 2, 1990 (306)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	488	5.7	71	J	5.4	-11	321	3.0	-2.5	-0.4	4	J
2	486	5.6	76	J	5.5	-27	320	3.1	-2.9	-1.6	3	J
3	505	4.8	45	J	5.6	-34	287	1.3	-4.6	-2.0	2	J
4	509	4.9	55	J	5.8	-30	286	1.2	-4.9	-1.4	2	J
5	472	5.5	114	J	5.9	-2	312	3.7	-3.9	1.1	2	J
6												
7												
8												
9												
10												
11												
12												
13												
14	456	5.0	52	J	5.1	31	318	2.9	-1.3	3.3	2	J
15	456	5.8	92	J	5.2	10	307	2.7	-2.9	2.1	2	J
16	443	5.7	109	J	5.2	-9	335	4.5	-2.2	0.0	2	J
17												
18	453	6.4	140	J	5.4	-2	313	2.7	-2.9	0.6	4	J
19	452	6.5	120	J	6.0	-23	302	2.3	-4.0	-1.0	4	J
20	440	6.4	101	J	6.2	-24	14	4.7	0.8	-2.3	3	J
21	425	6.5	131	J	5.8	10	20	4.7	1.8	0.6	3	J
22	417	6.7	120	J	5.7	-10	360	4.9	-0.1	-0.9	3	J
23	422	6.6	157	J	5.7	-4	6	5.2	0.5	-0.4	2	J
24	425	8.1	189	J	6.3	-8	6	5.6	0.5	-0.9	3	J

NOV. 3, 1990 (307)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	427	8.4	253	J	6.5	12	13	5.5	1.4	1.0	3	J
2	421	8.1	262	J	6.5	-10	8	5.8	0.6	-1.1	3	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	432	10.9	124	J	6.0	46	14	3.9	2.5	3.5	2	J
16	427	10.2	117	J	5.4	34	338	3.4	-0.4	2.8	3	J
17	431	9.2	88	J	5.3	26	289	1.4	-3.3	3.2	2	J
18	426	8.8	79	J	4.7	-4	305	1.7	-2.4	0.4	4	J
19	439	8.3	69	J	4.7	0	257	-0.8	-3.3	0.7	3	J
20	436	8.0	62	J	4.8	8	266	-0.3	-4.0	1.3	2	J
21	423	7.6	51	J	5.3	-20	282	1.0	-4.7	-1.1	2	J
22	418	6.7	39	J	4.9	-19	290	1.3	-3.8	-0.9	3	J
23	401	6.1	43	J	5.2	-2	318	3.6	-3.2	0.2	2	J
24	405	7.1	67	J	5.3	-16	332	3.8	-2.2	-1.0	3	J

90-11-04 - 90-11-15

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
NOV. 4, 1990 (308)												
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18					4.1	6	6	3.8	0.5	0.3	1	J
19					4.1	4	9	3.5	0.6	0.1	2	J
20	367	4.9	110	J	4.8	30	347	3.0	-0.4	1.8	3	J
21	394	5.0	29	J	4.4	41	250	-1.0	-2.4	2.8	2	J
22	385	4.6	29	J	3.8	49	299	1.1	-1.7	2.8	1	J
23					3.5	32	307	1.6	-2.0	1.9	1	J
24												
NOV. 9, 1990 (313)												
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	395	8.1	63	J	5.2	83	156	-0.5	2.2	3.8	3	J
11	389	6.2	78	J	6.0	13	128	-3.1	4.1	-0.8	3	J
12	392	6.6	67	J	5.3	3	129	-1.9	2.1	-0.9	4	J
13	399	5.2	62	J	6.0	-9	147	-3.5	1.7	-1.6	4	J
14	406	4.9	84	J	5.4	-9	151	-4.1	1.8	-1.6	2	J
15	407	4.2	60	J	4.9	2	158	-4.0	1.6	-0.5	2	J
16	400	4.0	44	J	5.9	-18	152	-4.6	1.8	-2.4	2	J
17	398	3.9	40	J	6.7	-13	145	-4.9	3.0	-2.3	2	J
18	384	5.3	54	J	7.3	4	136	-4.4	4.3	-0.5	3	J
19												
20												
21												
22												
23												
24	438	7.5	113	J	5.4	-49	349	2.3	-0.6	-2.6	4	J
NOV. 10, 1990 (314)												
1	431	6.9	83	J	7.1	-73	327	1.0	-1.0	-3.7	6	J
2	438	7.0	72	J	7.3	-25	73	1.7	5.2	-3.4	4	J
3	422	7.1	76	J	6.9	-83	81	0.1	-0.2	-3.7	6	J
4	391	7.6	69	J	7.7	-5	131	-4.9	5.3	-1.9	2	J
5	393	6.5	58	J	7.6	-5	130	-4.0	4.4	-1.8	4	J
6	386	6.3	81	J	7.2	20	146	-5.1	4.0	0.9	3	J
7	385	6.2	65	J	6.8	-14	131	-3.9	3.6	-3.1	3	J
8	393	6.4	75	J	6.9	-8	117	-2.6	4.2	-2.9	4	J
9	388	5.9	65	J	6.6	3	125	-3.5	4.6	-2.0	2	J
10	392	5.5	56	J	6.7	-10	98	-0.9	5.2	-4.1	0	J
11	392	4.7	41	J	6.6	-11	104	-1.4	4.3	-3.5	3	J
12	403	5.1	46	J	5.6	2	81	0.7	4.1	-1.9	3	J
13	404	5.2	55	J	5.7	-5	85	0.5	4.5	-2.7	2	J
14					5.4	-12	75	1.2	3.7	-2.7	3	J
15					5.6	-14	109	-1.7	4.1	-3.0	2	J
16					5.4	-15	104	-1.1	4.0	-2.7	2	J
17	373	6.1	35	J	5.7	-14	123	-2.9	3.9	-2.4	2	J
18	385	6.6	42	J	5.9	14	109	-1.7	5.2	0.2	2	J
19	399	7.5	42	J	5.9	-25	93	-0.2	4.1	-2.8	3	J
20	392	7.1	42	J	6.5	-29	105	-1.4	4.7	-3.5	3	J
21	382	6.8	38	J	6.3	-20	110	-1.9	4.9	-2.5	2	J
22												
23												
24												
NOV. 11, 1990 (315)												
1												
2	397	7.2	22	J	7.1	-10	84	0.7	6.7	-2.0	1	J
3	371	7.5	37	J	7.0	-12	119	-2.8	4.7	-2.0	4	J
4	352	7.6	76	J	6.6	13	135	-4.1	4.3	0.4	3	J
5												
6												
7	382	5.8	18	J	7.6	-20	100	-1.2	5.2	-4.8	2	J
8					7.0	-4	131	-4.3	4.3	-2.5	2	J
9					7.1	13	141	-5.0	4.3	-0.5	3	J
10												
11												
12												
13												
14												
15												
16												
17	450	7.8	105	J	10.2	48	204	-6.0	-0.7	7.7	3	J
18	427	8.7	121	J	10.7	25	158	-8.0	4.0	3.2	5	J
19	437	8.8	88	J	10.8	17	114	-3.3	7.8	1.3	6	J
20	413	8.3	77	J	10.0	37	192	-7.2	-0.8	5.7	4	J
21	409	10.3	56	J	9.5	26	181	-6.9	0.2	3.4	6	J
22	402	10.0	62	J	9.0	25	150	-6.4	3.9	3.2	4	J
23												
24												
NOV. 12, 1990 (316)												
1	429	6.5	35	J	8.5	61	156	-3.7	2.2	7.1	2	J
2	444	2.8	19	J	8.7	57	127	-2.7	4.4	6.5	2	J
3	444	2.9	20	J	7.7	47	124	-2.9	5.1	4.8	1	J
4	463	15.9	30	J	6.5	26	203	-4.2	-1.3	2.6	4	J
5	513	14.0	36	J	7.0	19	208	-5.8	-2.4	3.0	1	J
6					6.4	15	203	-5.7	-1.7	2.4	1	J
7	497	11.2	37	J	5.7	9	200	-5.3	-1.5	1.5	1	J
8					5.9	10	204	-5.2	-1.7	1.9	1	J
9					5.5	7	201	-5.1	-1.5	1.5	1	J
10	490	7.3	12	J	4.6	7	191	-4.5	-0.5	0.9	1	J
11	489	7.1	14	J	5.0	20	192	-4.6	-0.1	2.0	0	J
12					4.2	24	213	-3.1	-1.1	2.4	1	J
13	459	6.2	18	J	4.0	10	212	-3.3	-1.6	1.5	1	J
14	445	6.4	12	J	4.1	17	201	-3.6	-0.8	1.6	1	J
15	443	7.0	10	J	5.5	8	180	-5.3	0.3	0.7	1	J
16	448	7.4	12	J	5.7	17	169	-5.2	1.4	1.2	1	J
17	438	6.2	13	J	6.3	26	176	-5.5	1.1	2.5	2	J
18	440	4.6	18	J	6.9	27	172	-5.7	1.4	2.7	3	J
19	432	4.9	15	J	6.6	7	147	-5.2	3.5	0.2	2	J
20	439	3.2	16	J	6.1	17	145	-4.8	3.5	1.4	1	J
21	449	7.0	16	J	4.8	9	154	-4.2	2.1	0.6	1	J
22	443	6.6	8	J	4.5	-6	160	-4.1	1.5	-0.6	1	J
23	439	6.8	16	J	4.2	6	148	-3.4	2.1	0.3	1	J
24	412	5.0	25	J	4.6	1	158	-4.1	1.6	0.0	1	J
NOV. 13, 1990 (317)												
1	404	5.6	12	J	5.0	5	167	-4.8	1.1	0.3	1	J
2	401	5.9	23	J	6.2	5	166	-5.9	1.5	0.4	1	J
3												
4												
5												
6	372	13.0	23	J	3.7	13	140	-2.7	2.4	0.0	0	J
7												
8												
9					4.3	2	185	-4.3	-0.3	0.3	0	J
10	381	8.2	21	J	5.2	-15	166	-4.9	0.5	-1.7	1	J
11	376	8.6	21	J	4.4	-7	174	-4.2	0.2	-0.7	1	J
12	368	8.7	25	J	4.8	-3	173	-4.7	0.4	-0.5	1	J
13	381	7.7	13	J	4.7	6	164	-4.4	1.3	-0.1	1	J
14	367	8.9	17	J	5.1	13	166	-4.8	1.6	0.6	1	J
15	370	11.6	24	J	4.9	18	174	-4.4	0.9	1.2	1	J
16	384	11.3	18	J	4.9	22	134	-2.7	3.1	0.7	3	J
17	383	12.2	13	J	4.9	15	149	-4.1	2.7	0.6	1	J
18	380	13.8	15	J	4.4	15	154	-3.8	2.1	0.7	1	J
19					4.6	15	160	-4.2	1.7	0.9	1	J
20	352	22.3	61	J	4.9	23	154	-4.0	2.1	1.6	1	J
21	364	11.3	10	J	5.2	24	161	-4.5	1.7	2.0	1	J
22	354	10.1	16	J	5.1	21	185	-4.7	-0.3	1.8	1	J
23	341	11.0	19	J	4.4	14	212	-3.2	-2.0	1.0	2	J
24	334	9.3	16	J	5.2	-3	332	4.5	-2.4	-0.1	1	J
NOV. 14, 1990 (318)												
1	333	7.5	10	J	5.5	-9	330	4.7	-2.8	-0.7	1	J
2	332	7.3	11	J	5.0	-1	331	4.4	-2.4	0.2	0	J
3												
4	325	7.1	22	J	4.4	-1	332	3.5	-1.9	0.3	2	J
5	325	7.5	18	J	4.2	-4	318	3.0	-2.7	0.4	1	J
6	316	8.3	24	J	4.2	-4	327	3.4	-2.2	0.4	1	J
7	321	8.0	32	J	4.3	-14	331	3.6	-2.3	-0.2	1	J
8	318	7.8	26	J	4.2	-20	340	3.7	-1.8	-0.8	1	J
9	321	7.8	16	J	4.4	-4	283	0.9	-3.6	1.4	2	J
10	317	7.7	11	J	4.5	9	261	-0.7	-3.5	2.5	1	J
11					4.4	25	316	2.8	-1.6	2.8	1	J
12												
13					4.1	18	14	3.6	1.3	0.7	1	J
14					4.0	25	343	3.2	-0.3	1.8	1	J
15	309	8.7	16	J	4.3	58	326	1.8	0.0	3.7	1	J
16	308	9.1	12	J	4.2	22	298	1.8	-2.8	2.5	1	J
17	312	8.8	11	J	4.4	22	282	0.8	-3.4	2.5	1	J
18	313	9.3	11	J	4.5	15	283	0.9	-3.8	1.9	1	J
19	312	10.0	11	J	4.8	26	270	0.0	-3.8	2.6	1	J
20	311	10.0	11	J	5.0	37	278	0.5	-3.5	3.3	1	J
21	308	9.3	12	J	4.8	15	285	1.2	-4.2	1.5	1	J
22	309	8.9	11	J	4.8	16	281	0.8	-4.2	1.5	2	J
23	308	9.5	10	J	4.7	16	279	0.7	-4.1	1.4	2	J
24	309	10.5	12	J	4.4	-12	278	0.5	-3.6	-0.6	2	J
NOV. 15, 1990 (319)												
1	299	10.2	15	J	4.1	-20	327	2.6	-1.8	-1.0	2	J
2	299	10.4	16	J	4.2	7	337	2.6	-1.1	0.5	3	J
3												
4												
5	311	11.0	10	J	4.6	-5	262	-0.6	-3.9	0.7	2	J
6	309	11.1	10	J	4.3	-6	252	-1.3	-3.8	0.8	1	J
7	299	10.6	11	J	4.0	15	285	1.0	-3.0	2.2	1	J
8	292	10.0	13	J	4.1	26	313	2.3	-1.6	2.5	2	J
9					4.1	29	350	3.4	0.3	2.0	1	J
10	287	10.6	19	J	4.4	7	332	3.8	-1.6	1.4	1	J
11	289	11.5	18	J	4.5	4	339	4.1	-1.3	1.0	1	J
12	293	14.7	18	J	4.7	-2	336	4.1	-1.7	0.6	1	J
13	298	18.7	17	J	5.0	-14	329	4.1	-2.7	-0.1	0	J
14												
15												
16	299	17.1	16	J	7.2	45	307	3.1	-2.4	6.1	1	J
17	297	15.7	12	J	7.5	32	302	3.3	-4.2	5.0	2	J
18	300	18.1	17	J	6.2	-12	284	1.1	-4.5	-0.1	4	J
19	322	20.5	31	J	7.1	16	149	-5.5	3.5	1.4	2	J
20	315	18.6	33	J	8.0	6	158	-6.8	2.8	0.5	3	J
21	319	17.8	21	J	9.1	9	146	-7.2	4.9	1.0	2	J
22	324	16.9	17	J	10.1	27	125	-5.1	7.4	4.2	2	J
23	324	17.3	15	J	10.7	26	121	-4.9	8.3	4.4	1	J
24	330	25.7	26	J	9.6	32	121	-4.1	7.0	4.7	2	J

90-11-16 - 90-11-26

NOV. 16, 1990 (320)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	333	29.8	23	J	9.6	32	117	-3.7	7.5	4.7	1	J
2	325	25.1	23	J	11.5	18	120	-5.3	9.5	2.6	3	J
3												
4												
5												
6	349	8.0	17	J	14.2	-62	154	-5.9	-1.0	-12.7	1	J
7												
8												
9												
10	384	4.6	65	J	12.5	-39	136	-6.8	2.6	-9.7	3	J
11	389	4.5	76	J	12.6	-34	129	-6.4	4.1	-9.6	3	J
12	406	4.2	87	J	12.4	-18	120	-5.2	6.7	-6.9	6	J
13												
14												
15												
16												
17												
18												
19												
20												
21	393	5.3	112	J	8.9	-6	113	-2.8	6.6	-1.2	5	J
22	382	5.1	104	J	8.7	-19	132	-5.3	5.8	-3.0	2	J
23					8.3	-6	90	0.0	7.6	-1.0	3	J
24					7.9	-8	103	-1.4	6.2	-1.1	4	J

NOV. 17, 1990 (321)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	405	4.9	101	J	8.2	7	108	-2.4	7.3	0.6	3	J
2	397	5.6	92	J	8.7	17	105	-2.1	8.0	1.8	2	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

NOV. 21, 1990 (325)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22	375	5.1	37	J	6.0	-5	360	4.1	0.0	-0.4	4	J
23	368	4.9	18	J	6.3	18	329	4.6	-2.8	1.8	2	J
24	364	5.3	12	J	6.5	-9	352	5.8	-0.8	-0.9	2	J

NOV. 22, 1990 (326)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	359	4.7	16	J	6.0	20	334	4.4	-2.1	1.8	2	J
2	384	7.0	28	J	6.8	41	296	2.0	-3.8	4.1	3	J
3	364	5.2	17	J	6.3	32	359	4.3	0.2	2.7	3	J
4	362	5.3	14	J	6.1	23	344	4.8	-1.0	2.3	3	J
5	357	4.5	15	J	5.9	28	342	4.5	-0.9	2.7	3	J
6	368	5.7	23	J	6.0	30	310	2.8	-2.5	3.3	3	J
7	355	4.9	14	J	5.9	37	332	3.9	-0.9	3.9	2	J
8	354	4.7	13	J	5.9	37	319	3.3	-1.5	4.1	2	J
9	356	4.5	12	J	5.7	34	321	3.4	-1.4	3.8	2	J
10	358	4.1	11	J	5.5	30	317	3.2	-1.7	3.5	2	J
11	352	3.9	13	J	5.5	26	321	3.6	-1.7	3.2	2	J
12	354	3.8	15	J	5.2	26	312	2.8	-2.1	3.1	2	J
13	349	3.6	24	J	4.7	22	318	2.5	-1.6	2.1	3	J
14	362	3.4	18	J	4.6	30	4	2.9	0.8	1.5	3	J
15					4.9	24	335	3.4	-1.0	2.1	3	J
16					4.7	-17	321	3.3	-2.9	-0.6	2	J
17					4.3	11	318	2.8	-2.4	1.2	2	J
18					4.9	-9	315	3.3	-3.4	-0.2	1	J
19					4.3	-47	335	2.1	-1.2	-2.4	3	J
20					4.1	-44	348	2.3	-0.6	-2.3	3	J
21												
22												
23												
24												

NOV. 23, 1990 (327)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	362	3.8	10	J	5.3	72	29	1.4	0.8	4.9	1	J
2					5.1	66	24	1.7	1.0	4.2	2	J
3												
4												
5					5.3	26	307	2.4	-2.7	2.5	3	J
6	353	2.9	12	J	5.2	22	310	2.9	-2.9	2.7	2	J
7	352	2.8	11	J	5.1	29	309	2.5	-2.2	3.0	2	J
8	360	3.5	8	J	5.3	33	303	2.4	-2.4	3.9	1	J
9	359	3.9	14	J	4.9	38	303	1.8	-1.5	3.4	3	J
10	349	3.9	24	J	4.8	17	3	4.4	0.7	1.1	1	J
11	352	4.0	26	J	4.4	-20	17	3.2	0.4	-1.5	3	J
12	356	5.3	15	J	4.8	-34	49	2.2	1.5	-3.1	2	J
13	344	5.1	24	J	5.2	-10	8	4.8	0.3	-1.0	2	J
14	351	5.3	18	J	5.4	-50	27	2.7	0.1	-3.9	2	J
15	352	5.3	11	J	5.8	-39	334	4.1	-3.0	-2.9	1	J
16	354	5.4	8	J	5.2	-56	303	1.5	-3.3	-3.4	1	J
17	345	5.7	16	J	4.7	-59	316	1.6	-2.2	-3.2	2	J
18	332	5.8	32	J	5.0	24	313	2.3	-2.2	1.8	3	J
19					4.9	35	302	2.0	-3.0	3.0	1	J
20												
21												
22												
23												
24												

NOV. 24, 1990 (328)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7	359	5.5	45	J	5.6	19	289	1.7	-4.2	3.3	1	J
8	347	3.1	9	J	5.5	29	289	1.5	-3.2	3.9	1	J
9	342	3.9	19	J	5.4	29	296	2.0	-2.8	3.9	1	J
10	336	4.0	22	J	5.3	29	296	2.0	-2.8	3.9	1	J
11	336	4.5	23	J	5.4	19	296	2.2	-3.5	3.4	1	J
12	340	4.9	18	J	5.3	-22	288	1.5	-4.9	0.0	2	J
13					4.9	-7	303	2.3	-3.5	0.8	2	J
14					5.0	11	306	2.7	-3.2	2.1	2	J
15	328	3.5	6	J	5.0	23	302	2.3	-3.1	2.9	1	J
16	333	4.0	16	J	4.9	19	310	2.9	-2.9	2.3	1	J
17	330	4.0	14	J	4.7	24	307	2.5	-2.9	2.4	1	J
18	330	4.6	19	J	4.6	21	306	2.5	-3.2	2.1	1	J
19	329	3.8	12	J	4.6	-8	326	3.5	-2.4	-0.4	2	J
20	325	4.0	17	J	5.0	18	338	3.9	-1.5	1.4	2	J
21	326	4.6	19	J	5.6	18	323	4.2	-3.1	1.7	1	J
22												
23												
24												

NOV. 25, 1990 (329)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8	304	4.3	20	J	5.1	25	344	4.3	-0.4	2.4	2	J
9	323	4.8	16	J	5.3	-29	322	3.0	-2.9	-1.1	3	J
10	332	4.7	12	J	5.3	-50	319	2.4	-3.4	-2.7	2	J
11	323	4.7	17	J	5.2	-38	350	2.9	-1.4	-1.9	4	J
12	318	4.7	21	J	5.3	-35	3	3.5	-0.8	-2.4	3	J
13	309	4.4	17	J	5.4	-15	314	3.4	-3.8	0.0	2	J
14					5.3	25	341	3.7	-0.6	2.1	3	J
15	332	4.0	11	J	5.3	69	332	1.6	0.5	4.8	2	J
16					5.4	67	325	1.6	0.0	4.7	2	J
17												
18					5.1	-47	350	3.2	-1.0	-3.3	2	J
19												
20												
21	326	7.2	17	J	5.0	-9	50	3.1	3.7	-0.8	1	J
22	337	7.3	17	J	4.8	-7	77	1.0	4.3	-0.5	2	J
23												
24												

NOV. 26, 1990 (330)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2	333	11.5	27	J	5.5	1	86	0.4	5.4	0.0	1	J
3	357	7.7	25	J	5.5	-24	99	-0.8	4.6	-2.5	1	J
4					5.5	-14	96	-0.5	5.0	-1.9	1	J
5												
6	348	5.2	20	J	5.6	13	289	1.7	-4.5	2.4	2	J
7	342	8.6	36	J	3.6	24	311	1.1	-1.0	1.1	3	J
8	346	6.5	29	J	5.4	40	304	2.3	-2.0	4.3	1	J
9	355	12.4	42	J	3.3	3	127	-1.7	2.2	-0.7	2	J
10	348	13.1	37	J	3.1	-43	109	-0.6	1.0	-2.4	2	J
11	364	8.6	65	J	4.7	-31	127	-0.5	0.4	-0.7	5	J
12	334	6.1	17	J	7.9	-22	131	-4.7	3.9	-4.7	2	J
13					8.9	-45	155	-5.6	0.3	-6.7	1	J
14	332	6.6	8	J	9.7	-28	138	-6.3	4.0	-6.1	2	J
15	330	5.7	5	J	10.1	-15	144	-7.7	4.7	-4.0	3	J
16	323	5.8	7	J	10.4	3	146	-8.4	5.6	-0.8	2	J
17	325	5.0	5	J	10.0	24	136	-6.5	6.9	2.9	1	J
18	333	5.3	8	J	9.4	41	131	-4.6	6.0	5.4	1	J
19	333	6.1	12	J	9.0	45	132	-4.3	5.2	6.0	1	J
20	331	7.8	9	J	9.3	47	127	-3.8	5.3	6.6	1	J
21	335	8.5	13	J	10.1	51	131	-4.2	4.8	7.9	1	J
22	336	9.0	14	J	10.4	61	131	-3.3	3.5	9.1	2	J
23	331	11.7	13	J	9.5	81	83	0.2	1.1	9.0	3	J
24	374	18.6	21	J	16.0	-31	314	5.9	-5.9	-5.3	14	J

NOV. 27, 1990 (331)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	423	29.9	55	J	17.3	-2	321	11.7	-9.4	-0.7	9	J
2	426	25.6	57	J	15.0	-25	322	10.6	-8.4	-6.1	3	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	504	12.0	166	J	13.0	-78	113	-0.6	-1.1	-7.0	11	J
14	505	30.2	126	J	12.1	33	349	4.5	0.1	3.1	11	J
15	549	8.0	60	J	20.9	-30	339	16.6	-8.9	-8.2	4	J
16	549	12.8	49	J	20.8	-44	350	14.3	-5.5	-13.1	5	J
17	527	19.3	107	J	19.2	-57	36	8.4	3.3	-16.7	3	J
18					16.2	-51	79	1.9	8.3	-13.3	4	J
19	493	17.6	9	J	15.6	-58	114	-3.2	6.3	-12.9	5	J
20					15.9	-34	132	-8.7	9.5	-9.0	3	J
21	511	12.8	29	J	17.0	-6	137	-12.3	11.5	-1.7	3	J
22	530	10.3	254	J	12.0	-9	349	0.4	-0.1	-0.1	13	J
23	572	10.9	334	J	12.8	44	290	2.7	-7.8	7.3	7	J
24	559	10.7	275	J	13.3	11	303	6.1	-9.5	1.8	7	J

NOV. 28, 1990 (332)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	565	10.1	244	J	12.9	19	307	6.3	-8.5	3.4	6	J
2	558	8.6	166	J	11.3	-21	343	8.8	-2.7	-3.5	5	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17	579	3.6	104	J	5.5	15	303	2.2	-3.1	1.6	4	J
18	571	3.9	96	J	5.1	-10	319	2.9	-2.6	-0.4	3	J
19	568	4.5	96	J	5.3	-41	21	3.2	1.0	-3.0	3	J
20	578	3.3	91	J	4.8	17	284	0.9	-3.6	1.2	3	J
21	549	3.8	91	J	4.6	12	343	3.9	-1.2	0.9	2	J
22	547	3.2	115	J	4.9	23	307	2.5	-3.5	1.7	2	J
23	535	3.5	124	J	4.8	5	306	2.6	-3.6	0.2	2	J
24	531	3.3	83	J	5.3	12	306	2.9	-4.0	0.8	2	J

NOV. 29, 1990 (333)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					4.5	19	287	1.2	-4.1	1.3	0	J
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18	427	4.8	64	J	5.6	19	317	3.3	-2.9	1.9	3	J
19	416	4.9	46	J	5.8	2	316	4.0	-3.8	0.4	2	J
20	437	5.6	74	J	5.0	2	284	1.1	-4.4	0.2	2	J
21	437	5.9	79	J	4.9	-10	280	0.7	-4.2	-0.8	2	J
22					4.6	-11	287	0.9	-3.1	-0.8	3	J
23					4.4	-34	287	0.7	-2.0	-1.6	4	J
24												

DEC. 4, 1990 (338)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8					10.7	23	135	-6.8	7.6	2.0	2	J
9	453	8.6	163	J	8.2	-12	156	-6.4	2.2	-2.3	4	J
10	458	8.3	174	J	7.9	-28	150	-5.3	1.8	-4.1	4	J
11	461	7.8	167	J	6.7	-21	157	-5.1	1.3	-2.7	3	J
12	478	7.3	140	J	6.6	-15	134	-3.6	3.0	-2.5	4	J
13	464	6.3	135	J	6.4	-12	156	-4.8	1.7	-1.7	3	J
14	453	5.9	79	J	6.1	-13	186	-5.6	-0.9	-1.1	2	J
15	471	6.5	78	J	5.8	-48	228	-2.3	-3.3	-3.1	3	J
16	459	5.9	62	J	5.9	-13	211	-4.5	-2.9	-0.7	2	J
17	441	6.9	52	J	5.7	-7	190	-5.3	-1.0	-0.5	2	J
18	430	4.9	86	J	5.8	-6	155	-4.8	2.2	-0.7	2	J
19	420	5.2	55	J	6.2	-7	162	-5.7	1.8	-0.8	2	J
20	436	5.8	62	J	6.6	-2	153	-5.3	2.7	-0.1	3	J
21	470	7.0	108	J	5.9	12	156	-4.2	1.8	1.1	4	J
22	479	7.1	118	J	6.4	25	167	-4.2	0.8	2.1	4	J
23	489	6.8	74	J	6.6	-47	130	-2.7	3.7	-4.2	2	J
24	475	7.6	98	J	6.7	-3	136	-4.2	4.0	0.1	3	J

DEC. 5, 1990 (339)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	486	8.3	134	J	5.9	-15	192	-4.3	-0.8	-1.2	4	J
2	511	8.1	78	J	6.4	79	240	-0.5	-1.1	5.3	3	J
3	488	8.5	89	J	6.5	49	131	-2.5	2.8	4.3	3	J
4	490	8.8	84	J	6.9	47	139	-2.5	2.4	3.5	5	J
5	487	8.8	89	J	7.4	53	204	-3.8	-1.0	5.8	2	J
6	482	9.3	113	J	6.4	20	223	-3.9	-3.2	2.6	3	J
7	481	9.6	114	J	6.0	-49	193	-3.3	-1.6	-3.6	3	J
8	479	8.9	105	J	5.8	-50	209	-3.1	-2.8	-3.6	2	J
9	488	7.9	132	J	5.8	-58	182	-2.4	-1.3	-3.6	4	J
10	488	7.6	104	J	5.9	-54	201	-2.9	-2.4	-3.6	3	J
11	499	7.9	92	J	6.3	-40	218	-2.5	-2.8	-1.9	5	J
12	494	7.8	94	J	5.9	2	125	-3.0	4.2	-1.2	3	J
13	481	7.3	83	J	6.1	5	144	-4.0	2.9	-0.4	3	J
14	478	6.7	97	J	6.3	4	142	-4.4	3.4	-0.5	3	J
15	481	7.0	99	J	6.2	-29	144	-4.1	2.3	-3.4	2	J
16	475	6.9	144	J	5.7	-20	167	-4.8	0.8	-1.9	2	J
17	476	6.4	86	J	6.3	-9	138	-3.8	3.3	-1.2	3	J
18	468	6.5	87	J	6.1	-19	147	-4.3	2.7	-1.9	3	J
19	483	6.6	70	J	5.9	21	117	-2.2	4.3	1.8	3	J
20	452	6.1	72	J	5.8	-7	147	-4.5	2.9	-0.6	2	J
21	453	5.2	32	J	5.9	7	190	-5.2	-1.0	0.6	3	J
22	447	5.2	38	J	6.0	-3	159	-5.1	2.0	-0.1	2	J
23	450	5.4	44	J	5.8	8	166	-5.2	1.2	0.9	2	J
24	420	6.5	62	J	5.9	-4	136	-4.0	3.9	0.0	2	J

DEC. 6, 1990 (340)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	419	6.7	61	J	6.3	-7	131	-3.9	4.5	-0.4	2	J
2	415	6.2	42	J	5.8	7	156	-5.1	2.2	0.8	2	J
3												
4	408	6.1	22	J	6.6	-14	161	-5.9	1.9	-1.6	2	J
5	403	5.8	20	J	6.3	-1	181	-6.0	-0.1	-0.1	2	J
6	400	5.5	30	J	5.9	1	186	-5.8	-0.6	0.2	1	J
7	401	6.7	56	J	5.7	17	181	-4.8	0.2	1.4	3	J
8	406	6.2	63	J	5.3	26	163	-3.0	1.3	1.2	4	J
9	410	6.6	32	J	6.4	-1	121	-3.0	4.7	-1.6	3	J
10	420	6.7	37	J	6.2	11	107	-1.3	4.5	-0.5	4	J
11	412	6.8	40	J	6.5	-15	113	-2.0	4.1	-2.9	4	J
12	405	6.4	30	J	6.3	1	119	-2.9	5.0	-1.5	2	J
13	402	6.9	38	J	6.4	-18	118	-2.6	4.2	-3.2	3	J
14	396	6.6	37	J	6.4	-15	132	-3.9	3.8	-2.6	2	J
15	397	6.8	36	J	6.5	22	121	-2.9	5.2	1.2	2	J
16	382	6.6	44	J	6.1	13	138	-4.1	3.9	0.7	2	J
17	394	6.3	36	J	6.1	28	150	-2.8	1.8	1.5	5	J
18	396	7.3	38	J	6.2	-9	105	-1.5	5.5	-1.2	2	J
19	394	6.8	37	J	6.1	-14	108	-1.6	5.0	-1.3	3	J
20	377	6.9	59	J	5.7	-5	138	-3.9	3.5	-0.3	2	J
21	372	7.2	43	J	5.8	-6	150	-4.4	2.6	-0.3	3	J
22	394	7.3	37	J	5.7	-6	103	-1.2	5.3	0.0	2	J
23	380	7.2	56	J	5.3	-8	198	-3.2	-1.0	-0.6	4	J
24	384	7.6	58	J	5.6	-13	205	-3.5	-1.5	-1.1	4	J

DEC. 7, 1990 (341)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	386	6.9	55	J	5.5	42	193	-3.1	-1.0	2.8	3	J
2	384	6.8	94	J	5.1	0	134	-3.2	3.3	0.2	2	J
3												
4												
5												
6	373	5.7	99	J	5.6	9	147	-4.6	3.1	0.4	1	J
7	369	7.0	132	J	5.6	16	188	-4.8	-0.4	1.5	2	J
8	390	5.7	46	J	6.3	25	217	-4.3	-2.4	3.3	2	J
9	384	6.0	47	J	6.2	21	216	-4.5	-2.5	3.0	2	J
10	387	6.5	55	J	6.4	35	206	-4.2	-0.9	3.7	3	J
11	359	7.5	114	J	6.3	14	164	-5.8	2.0	0.9	1	J
12	388	6.2	39	J	6.2	33	218	-3.8	-1.9	3.8	2	J
13	371	5.5	33	J	6.2	30	195	-5.0	-0.5	3.3	2	J
14	366	6.4	67	J	6.2	32	188	-4.9	0.1	3.1	2	J
15	366	5.9	38	J	6.1	8	145	-4.8	3.4	0.1	1	J
16	382	5.4	29	J	5.9	10	127	-3.0	4.0	0.3	3	J
17	390	5.7	26	J	5.9	12	102	-1.1	5.1	0.6	3	J
18	377	5.9	44	J	5.7	12	135	-3.3	3.4	0.8	3	J
19	375	7.6	37	J	5.7	32	219	-3.3	-2.7	2.6	3	J
20	368	6.8	31	J	5.7	21	197	-4.9	-1.6	1.9	2	J
21	366	6.8	23	J	5.9	29	210	-3.9	-2.5	2.3	3	J
22	374	7.2	18	J	5.6	31	237	-2.5	-4.1	2.3	2	J
23	362	6.9	30	J	5.4	21	226	-3.2	-3.5	1.4	2	J
24	355	6.8	48	J	5.3	16	192	-4.6	-1.1	1.2	2	J

DEC. 8, 1990 (342)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	356	7.2	44	J	5.5	29	191	-4.1	-1.0	2.2	3	J
2	356	7.1	41	J	5.3	30	201	-3.9	-1.6	2.3	2	J
3	343	6.9	88	J	5.1	8	167	-4.2	1.0	0.6	3	J
4	361	6.7	25	J	5.4	-12	117	-2.2	4.3	-1.2	2	J
5	372	6.6	17	J	5.6	-9	100	-0.9	5.1	-1.3	2	J
6	371	6.6	18	J	5.8	-20	90	0.0	5.0	-2.8	1	J
7	367	6.4	19	J	5.6	-3	102	-1.1	4.9	-1.3	2	J
8	352	6.7	43	J	5.3	-8	128	-2.9	3.5	-1.6	2	J
9	363	6.5	22	J	5.1	-53	233	-1.7	3.2	-2.9	2	J
10	350	6.5	43	J	5.8	-27	142	-3.7	2.0	-3.1	3	J
11	357	6.1	26	J	5.6	-12	117	-2.2	3.8	-2.3	2	J
12	338	7.7	65	J	5.3	21	146	-3.6	2.8	0.9	2	J
13	352	6.1	37	J	5.4	-15	129	-3.2	3.5	-2.4	1	J
14	372	6.0	20	J	5.5	-18	100	-0.9	4.3	-2.7	2	J
15	406	13.7	47	J	9.4	39	142	-1.4	1.4	1.2	9	J
16	388	16.5	113	J	10.7	7	141	-7.5	6.2	0.3	5	J
17	396	17.9	74	J	11.0	32	147	-5.1	3.7	3.5	8	J
18	397	21.1	101	J	10.0	-8	168	-4.4	0.9	-0.7	9	J
19	400	19.6	112	J	10.4	22	127	-4.2	5.5	2.9	7	J
20	393	21.7	126	J	9.1	-19	189	-4.9	-0.7	-1.8	7	J
21	407	21.7	111	J	7.9	-9	131	-3.6	4.2	-0.5	6	J
22	401	21.5	100	J	7.8	38	166	-3.7	0.6	3.0	6	J
23	395	20.4	87	J	7.5	9	114	-2.6	5.6	1.7	4	J
24	392	18.3	74	J	7.2	24	132	-3.9	4.0	3.1	3	J

90-12-09 - 90-12-19

DEC. 9, 1990 (343)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	393	19.3	49	J	6.6	34	123	-2.7	3.8	3.8	4	J	
2	392	18.5	49	J	6.4	50	168	-3.5	0.4	4.3	3	J	
3	392	15.2	59	J	5.9	12	281	1.0	-5.3	1.0	2	J	
4	400	10.7	40	J	5.8	-18	319	3.4	-3.0	-1.4	4	J	
5	403	6.5	23	J	8.2	-21	334	6.7	-3.5	-2.6	1	J	
6	395	5.4	13	J	8.2	-8	325	6.6	-4.7	-0.4	1	J	
7	391	6.0	32	J	8.3	-7	330	7.1	-4.2	-0.2	1	J	
8					8.6	-6	337	7.8	-3.4	0.0	1	J	
9	368	6.2	42	J	9.0	-11	348	8.6	-2.2	-1.1	1	J	
10	374	5.9	19	J	8.6	-14	353	8.2	-1.6	-1.7	1	J	
11	374	6.9	20	J	8.6	-16	0	8.2	-0.7	-2.2	1	J	
12													
13	382	7.5	18	J	8.2	-16	18	7.4	1.7	-2.8	1	J	
14	362	8.8	45	J	6.9	-9	16	5.3	1.3	-1.2	4	J	
15	348	7.7	26	J	8.4	-15	347	7.8	-2.2	-1.8	1	J	
16	358	8.3	36	J	7.7	-15	358	7.1	-0.5	-1.9	2	J	
17	385	5.5	17	J	9.1	-3	20	8.4	3.0	-0.7	2	J	
18	364	7.6	21	J	8.6	4	34	6.8	4.6	0.4	3	J	
19	392	9.9	20	J	8.2	20	96	-0.8	7.2	2.8	3	J	
20	361	9.9	17	J	8.0	14	30	6.4	3.6	2.1	3	J	
21	358	10.4	14	J	8.1	9	42	5.9	5.1	1.7	1	J	
22	343	10.8	16	J	7.9	14	18	6.9	2.0	2.1	3	J	
23	339	9.9	18	J	7.2	3	353	7.0	-0.9	0.3	1	J	
24	334	9.0	14	J	7.0	6	337	6.3	-2.8	0.4	1	J	

DEC. 10, 1990 (344)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	331	7.9	9	J	7.2	4	346	6.9	-1.8	0.3	1	J	
2	330	8.1	9	J	7.6	5	339	7.1	-2.8	0.4	1	J	
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14					8.5	35	21	4.5	2.4	2.9	6	J	
15	326	8.8	11	J	8.8	26	360	7.8	0.7	3.8	1	J	
16	322	8.7	15	J	8.6	13	358	8.2	0.0	1.9	2	J	
17	319	7.9	18	J	8.6	-12	358	8.1	-0.4	-1.7	2	J	
18	316	6.4	23	J	7.2	-13	11	6.7	1.3	-1.6	2	J	
19	308	6.4	32	J	7.2	-10	14	6.7	1.7	-1.2	1	J	
20	302	6.8	41	J	7.1	5	7	6.8	0.8	0.7	1	J	
21	301	7.3	42	J	8.0	16	7	7.5	0.7	2.3	1	J	
22	305	7.1	38	J	7.6	24	21	6.1	2.0	3.2	2	J	
23	310	6.9	30	J	7.2	20	34	5.5	3.3	2.9	2	J	
24													

DEC. 11, 1990 (345)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17	324	6.5	29	J	6.4	23	63	2.6	5.3	2.1	1	J	
18	318	5.6	28	J	6.3	-1	50	3.2	3.8	-0.2	4	J	
19	330	5.5	16	J	6.4	75	41	1.2	0.9	5.9	2	J	
20	329	5.3	15	J	6.5	76	338	1.3	-1.0	5.8	2	J	
21	327	6.0	22	J	6.5	59	42	2.4	1.6	5.7	1	J	
22	322	6.1	34	J	6.6	47	319	3.2	-3.4	4.2	2	J	
23	321	6.5	39	J	6.4	40	313	3.0	-3.7	3.2	3	J	
24													

DEC. 12, 1990 (346)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18	278	18.6	82	J									
19	288	15.7	121	J									
20	291	20.2	201	J									
21	311	14.7	257	J									
22													
23													
24													

DEC. 16, 1990 (350)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12	355	9.2	63	J									
13	370	7.3	46	J									
14	368	10.8	75	J									
15	390	9.3	52	J	7.3	-28	116	-2.5	4.7	-3.7	3	J	
16	382	8.2	36	J	7.4	-51	106	-1.2	3.6	-5.5	3	J	
17	396	13.8	42	J	4.7	32	157	-2.1	0.9	1.4	4	J	
18	401	15.1	48	J	3.5	22	138	-2.0	1.8	1.1	2	J	
19													
20													
21													
22													
23	424	13.2	26	J	4.1	47	337	2.3	-1.5	2.5	2	J	
24	429	13.9	30	J	3.3	35	354	2.1	-0.5	1.4	2	J	

DEC. 17, 1990 (351)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	432	14.0	35	J	3.3	48	149	-0.4	0.1	0.6	3	J	
2	428	14.3	35	J	2.7	31	178	-1.5	-0.1	0.9	2	J	
3	424	14.5	31	J	4.3	-9	306	2.1	-2.8	-0.8	2	J	
4	414	13.0	24	J	5.4	-4	311	3.5	-4.0	-0.5	1	J	
5	408	13.6	19	J	4.3	-3	318	3.0	-2.7	-0.1	2	J	
6	408	16.0	20	J	4.0	32	299	1.4	-2.4	2.1	2	J	
7	405	18.2	15	J	3.8	20	300	1.6	-2.5	1.5	2	J	
8	405	15.8	14	J	4.2	-2	311	2.6	-3.0	0.4	1	J	
9	401	12.2	18	J	5.1	17	316	3.2	-2.7	2.0	2	J	
10	414	7.3	33	J	4.6	43	294	0.4	-0.6	1.0	5	J	
11	392	8.5	30	J	5.6	4	322	4.3	-3.2	1.2	1	J	
12	391	9.1	29	J	5.6	3	322	4.3	-3.2	1.1	1	J	
13	393	7.8	26	J	5.5	0	318	4.0	-3.5	0.8	1	J	
14	398	10.1	29	J	5.5	8	317	3.8	-3.3	1.3	2	J	
15	406	8.6	24	J	5.8	-1	315	3.8	-3.8	0.4	2	J	
16	399	8.5	39	J	5.9	-7	336	5.0	-2.3	-0.5	2	J	
17	393	8.3	42	J	5.9	3	328	4.7	-3.0	0.4	2	J	
18	403	6.2	37	J	5.9	-7	315	3.9	-3.8	-0.8	2	J	
19	407	6.2	31	J	6.2	-5	316	3.7	-3.5	-0.7	4	J	
20	404	5.9	31	J	6.2	-3	314	4.0	-4.0	-0.8	3	J	
21	407	6.3	33	J	6.3	7	314	3.4	-3.6	0.1	4	J	
22	406	6.2	36	J	6.3	22	320	4.3	-4.0	1.6	1	J	
23	409	6.2	25	J	4.9	-6	293	1.6	-3.6	-1.1	3	J	
24	411	6.6	33	J	5.2	12	281	0.7	-3.6	0.1	4	J	

DEC. 18, 1990 (352)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	386	6.8	104	J	5.0	-6	335	4.3	-1.9	-0.9	1	J	
2													
3	366	8.6	141	J	5.3	8	352	4.6	-0.7	0.6	2	J	
4	386	6.2	55	J	5.5	12	318	3.9	-3.5	0.9	2	J	
5	379	6.5	69	J	6.0	20	323	4.4	-3.3	2.0	2	J	
6	378	7.3	75	J	6.3	30	332	4.6	-2.2	3.2	2	J	
7	388	6.6	39	J	6.4	38	320	3.8	-2.6	4.3	1	J	
8	389	6.2	34	J	6.4	41	316	3.4	-2.5	4.7	1	J	
9	387	6.1	37	J	6.1	42	315	3.1	-2.2	4.5	2	J	
10	397	6.3	32	J	5.1	-45	290	0.9	-3.0	-2.0	4	J	
11	387	6.8	33	J	4.8	-65	7	1.8	-0.7	-3.8	2	J	
12	383	6.6	37	J	4.6	-51	329	2.3	-2.1	-2.9	2	J	
13	386	5.4	34	J	4.2	-30	290	0.8	-2.5	-0.9	3	J	
14	389	5.3	35	J	3.8	5	281	0.5	-2.6	0.7	3	J	
15	387	5.6	48	J	4.3	-5	296	1.5	-3.1	0.1	3	J	
16	384	4.8	49	J	5.0	-21	306	2.1	-3.0	-1.2	3	J	
17	384	4.5	45	J	5.5	57	327	2.4	-1.5	4.5	2	J	
18	415	3.8	43	J	5.7	73	58	0.8	1.1	4.9	3	J	
19	405	3.4	45	J	4.8	56	22	2.3	0.6	3.7	2	J	
20	385	3.7	75	J	4.9	41	345	3.4	-1.3	2.9	1	J	
21	380	3.4	74	J	4.9	25	324	3.4	-2.8	1.6	2	J	
22	399	3.3	65	J	5.1	34	306	2.3	-3.7	2.0	2	J	
23	402	3.3	64	J	4.9	23	303	2.2	-3.6	1.0	2	J	
24	400	3.0	44	J	5.2	55	326	2.4	-2.4	3.7	1	J	

DEC. 19, 1990 (353)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	396	3.1	44	J	5.3	61	340	2.2	-1.6	4.0	2	J	
2	399	2.8	13	J	5.5	70	336	1.6	-1.4	4.5	2	J	
3													
4													
5					6.8	85	95	-0.1	0.6	6.8	1	J	
6	413	2.6	19	J	6.7	77	270	0.0	-1.0	6.4	2	J	
7	395	3.0	23	J	6.9	69	337	2.0	-0.1	5.9	3	J	
8	395	2.8	14	J	6.8	69	330	2.0	-0.1	6.1	2	J	
9	389	2.4	14	J	6.4	53	303	2.0	-2.1	5.5	2	J	
10	379	2.1	18	J	6.6	60	334	2.6	-0.1	5.2	3	J	
11	370	2.2	25	J	6.8	47	311	2.9	-2.2	5.4	2	J	
12	381	2.5	20	J	7.1	50	321	3.1	-1.4	5.3	3	J	
13	366	3.1	23	J	7.9	-2	320	5.9	-4.9	0.7	2	J	
14	363	2.1	23	J	7.8	19	322	5.3	-3.7	2.9	3	J	
15	353	2.3	24	J	7.8	11	326	6.1	-3.9	1.9	2	J	
16	370	2.5	26	J	7.7	-1	315	4.9	-4.9	0.2	3	J	
17					7.9	23	312	4.7	-5.2	3.1	2	J	
18					8.0	28	316	4.9	-4.9	3.4	2	J	
19					8.2	23	320	5.7	-5.1	2.7	1	J	
20					8.3	22	316	5.5	-5.6	2.3	2	J	
21					8.7	67	330	2.7	-2.7	6.9	4	J	
22					8.6	50	328	4.6	-4.1	5.8	2	J	
23					8.6	47	330	4.7	-3.9	5.2	3	J	
24					8.2	14	309	4.9	-6.4	0.7	2	J	

90-12-20 - 90-12-30

DEC. 20, 1990 (354)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					8.2	19	308	4.7	-6.4	1.4	2	J
2					8.1	4	306	4.7	-6.5	-0.5	1	J
3												
4												
5												
6												
7												
8												
9					8.6	-41	319	4.8	-5.2	-4.6	2	J
10					8.5	-41	345	6.1	-2.8	-5.0	2	J
11					7.5	39	334	3.6	-1.0	3.6	5	J
12					7.1	10	297	2.9	-5.3	2.3	3	J
13					6.6	22	297	2.7	-4.7	3.3	2	J
14					6.3	10	284	1.3	-4.9	1.7	4	J
15												
16												
17					4.3	-52	222	-1.7	-1.6	-3.0	2	J
18					4.3	-70	204	-1.3	-0.4	-4.0	1	J
19					4.3	-76	132	-0.7	1.1	-3.9	1	J
20					4.2	-6	292	1.3	-3.2	-0.8	2	J
21												
22					4.5	2	331	3.7	-2.0	-0.3	2	J
23					5.0	35	330	3.3	-2.5	2.2	2	J
24					4.8	12	320	3.4	-3.0	0.3	1	J

DEC. 21, 1990 (355)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					4.4	23	299	1.9	-3.7	1.0	1	J
2					4.5	-1	304	2.0	-2.8	-0.6	3	J
3					4.5	-2	313	2.7	-2.9	-0.5	2	J
4					5.2	-14	324	3.5	-2.5	-1.3	3	J
5					5.4	-22	335	4.2	-1.9	-1.9	2	J
6	363	2.7	41	J	5.5	-29	342	4.5	-1.6	-2.5	1	J
7												
8												
9												
10												
11												
12												
13					5.7	10	343	5.3	-1.4	1.2	1	J
14					5.9	10	338	5.4	-2.0	1.3	1	J
15	366	3.3	19	J	5.9	18	327	4.6	-2.8	2.1	1	J
16	365	3.4	33	J	5.8	27	331	4.3	-2.2	2.6	2	J
17	373	4.1	19	J	5.6	62	287	0.6	-1.9	3.8	4	J
18	399	7.1	11	J	6.7	57	249	-1.2	-3.5	5.2	2	J
19	396	7.7	14	J	7.6	25	282	1.4	-6.7	2.4	3	J
20	390	7.5	39	J	7.5	39	299	2.4	-4.8	3.3	4	J
21	397	7.2	71	J	6.5	29	283	1.0	-4.7	1.6	4	J
22	409	7.3	95	J	5.7	43	246	-1.1	-2.9	2.0	4	J
23	407	6.7	72	J	5.8	59	136	-1.6	0.7	3.8	4	J
24	412	6.5	63	J	5.8	34	140	-3.3	2.1	3.5	2	J

DEC. 22, 1990 (356)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	391	6.0	72	J	5.8	21	276	0.5	-5.1	0.8	3	J
2	386	5.7	57	J	5.8	3	284	1.4	-5.6	-0.7	1	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	391	6.2	55	J	4.1	52	264	-0.2	-1.6	3.1	2	J
14	397	5.7	41	J	4.5	51	149	-2.0	1.6	2.7	3	J
15	397	4.9	32	J	4.9	49	170	-3.0	0.9	3.4	2	J
16	395	5.1	27	J	5.5	47	180	-3.6	0.2	3.9	1	J
17	393	4.7	16	J	5.7	58	150	-2.6	1.5	4.8	1	J
18	386	5.9	18	J	5.5	52	184	-3.4	-0.5	4.3	1	J
19	386	5.1	13	J	6.1	60	168	-3.0	0.0	5.3	1	J
20	389	5.7	37	J	6.2	60	161	-2.9	0.2	5.4	1	J
21	386	6.0	11	J	6.4	57	168	-3.4	-0.3	5.4	1	J
22	380	5.9	15	J	6.3	46	180	-4.0	-0.9	4.1	2	J
23	365	6.7	22	J	6.0	79	60	0.6	-0.4	5.9	2	J
24												

DEC. 23, 1990 (357)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16	447	6.8	146	J	9.5	41	151	-6.2	3.7	6.0	2	J
17	352	6.3	78	J	9.6	24	56	4.2	6.2	3.4	5	J
18	318	5.8	30	J	10.5	32	16	8.1	2.0	5.4	3	J
19	337	6.1	41	J	9.7	46	11	6.0	0.4	6.4	4	J
20	374	6.0	62	J	10.3	53	50	3.9	3.3	8.6	2	J
21	337	3.9	46	J	10.6	-11	321	5.9	-4.4	-2.4	8	J
22					13.2	-36	293	4.1	-7.7	-9.6	6	J
23	346	4.0	55	J	9.1	-3	327	5.4	-3.3	-1.2	7	J
24	309	4.3	27	J	9.4	0	358	8.8	-0.3	-0.1	3	J

DEC. 24, 1990 (358)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3					9.3	-16	356	8.1	-0.2	-2.4	4	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

DEC. 28, 1990 (362)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20	338	10.2	35	J	7.4	26	321	4.5	-4.2	2.1	3	J
21	344	10.0	34	J	7.6	21	297	2.7	-5.7	1.0	4	J
22	341	11.5	46	J	6.9	46	330	3.5	-3.1	3.6	3	J
23	338	10.5	34	J	6.3	-3	299	2.6	-4.5	-1.6	3	J
24	338	10.2	37	J	5.7	5	298	2.2	-4.0	-0.7	3	J

DEC. 29, 1990 (363)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	343	9.0	30	J	6.3	26	280	0.9	-5.3	1.1	3	J
2	340	8.7	26	J	6.0	14	280	0.9	-5.3	0.1	2	J
3	341	9.0	29	J	5.8	28	281	0.8	-4.4	1.4	3	J
4	338	8.7	33	J	5.0	-15	304	1.7	-2.3	-1.1	4	J
5	334	8.6	32	J	5.2	29	297	1.7	-3.4	1.8	3	J
6	343	9.1	34	J	4.7	50	282	0.4	-1.9	2.3	4	J
7	340	8.8	29	J	5.0	46	279	0.5	-2.9	3.3	2	J
8	341	8.2	28	J	4.9	25	259	-0.7	-3.6	2.2	2	J
9	343	8.4	25	J	4.8	29	266	-0.3	-3.5	2.5	2	J
10	341	8.2	25	J	4.3	41	275	0.2	-2.3	2.7	3	J
11	344	8.6	27	J	4.6	-13	262	-0.6	-4.3	-0.3	1	J
12	343	8.2	31	J	3.8	-19	278	0.4	-2.9	-0.6	2	J
13	340	8.6	27	J	4.9	-36	311	2.4	-3.0	-2.3	2	J
14	337	8.3	22	J	5.1	-12	315	3.0	-3.0	-0.6	3	J
15	335	8.5	24	J	5.0	-29	322	3.2	-2.6	-2.1	2	J
16	333	8.3	26	J	4.6	-6	333	3.1	-1.6	-0.4	3	J
17	334	8.1	24	J	4.1	-11	323	2.9	-2.1	-0.8	2	J
18	341	8.0	24	J	4.0	-31	298	1.4	-2.4	-2.1	2	J
19												
20												
21												
22												
23												
24												

DEC. 30, 1990 (364)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2	355	13.2	30	J	6.3	17	282	1.1	-5.5	0.3	3	J
3												
4												
5												
6												
7	365	34.5	49	J	11.3	53	218	-5.1	-3.7	8.8	3	J
8	375	25.4	34	J	14.5	33	134	-6.4	7.1	5.4	10	J
9	379	22.0	42	J	15.0	28	111	-4.1	11.4	4.8	7	J
10	378	14.9	42	J	15.5	39	115	-4.9	11.8	7.9	4	J
11	386	21.8	27	J	14.7	63	117	-2.6	6.7	10.5	8	J
12	386	17.7	25	J	15.2	62	100	-1.2	8.8	12.4	1	J
13	382	16.9	33	J	14.9	45	91	-0.2	11.6	9.2	2	J
14	379	18.2	18	J	14.3	23	89	0.2	13.1	4.4	4	J
15	373	14.1	21	J	13.6	11	102	-2.7	12.6	2.0	4	J
16	371	13.9	22	J	12.9	15	103	-2.7	11.8	3.4	3	J
17	376	11.9	19	J	12.2	13	113	-4.5	10.4	3.3	3	J
18	373	10.1	28	J	12.0	7	124	-6.3	9.2	2.5	4	J
19	382	7.4	30	J	12.7	34	131	-6.7	6.5	8.1	3	J
20												
21												
22												
23												
24												

90-12-31 - 91-01-11

DEC. 31, 1990 (365)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4	370	15.0	21	J	15.7	8	127	-9.4	11.9	4.1	1	J
5	365	12.3	13	J	14.9	12	143	-11.6	8.4	3.9	2	J
6	359	15.2	17	J	13.8	12	152	-11.9	6.2	3.1	1	J
7	360	14.8	29	J	12.3	14	161	-10.9	3.8	2.8	3	J
8	379	12.2	18	J	11.6	4	183	-11.6	-0.5	0.9	1	J
9	377	11.3	23	J	10.1	0	187	-9.4	-1.2	0.1	4	J
10	379	11.6	21	J	9.1	-35	202	-6.8	-3.4	-4.8	1	J
11	378	11.0	19	J	9.5	-31	199	-7.7	-3.3	-4.5	1	J
12	377	12.2	14	J	9.1	-27	203	-7.5	-3.7	-3.7	1	J
13	372	9.6	20	J	9.0	-32	210	-5.9	-3.8	-3.9	4	J
14	387	5.9	10	J	9.2	-54	230	-3.3	-4.5	-6.8	3	J
15					8.5	-42	238	-3.3	-5.5	-5.5	1	J
16	378	6.8	17	J	8.4	-50	246	-2.2	-4.8	-6.5	1	J
17	378	7.6	51	J	6.2	26	165	-1.1	0.3	0.6	6	J
18	388	6.6	48	J	6.0	-50	350	0.9	0.0	-1.1	6	J
19	387	8.3	46	J	3.8	-8	69	1.3	3.5	0.1	1	J
20	383	9.3	41	J	3.8	-59	149	-1.2	1.2	-2.2	3	J
21	376	5.9	30	J	6.3	-36	235	-2.2	-2.4	-3.5	4	J
22	379	5.1	35	J	5.3	-73	225	-1.0	0.3	-4.5	3	J
23	370	3.2	35	J	5.8	-32	123	-2.6	4.7	-1.7	2	J
24	370	2.3	52	J	5.5	-53	163	-3.1	2.1	-3.8	1	J

JAN. 1, 1991 (001)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7					7.5	-37	182	-5.6	-0.3	-4.2	2	J
8					7.7	-37	156	-5.5	2.2	-4.7	1	J
9					7.6	-35	155	-5.5	2.1	-4.5	2	J
10					7.5	-27	140	-4.8	3.6	-3.6	3	J
11					7.5	-16	137	-5.1	4.5	-2.6	2	J
12					7.7	-23	134	-4.9	4.7	-3.6	1	J
13					7.7	-13	133	-5.0	5.2	-2.2	2	J
14					7.7	-4	116	-3.3	6.7	-0.9	1	J
15	338	3.9	7	J	8.1	-9	108	-2.3	7.1	-1.3	3	J
16	326	3.1	7	J	8.3	0	116	-3.6	7.3	0.2	2	J
17	327	2.8	7	J	8.1	14	121	-4.0	6.5	2.5	1	J
18					8.0	30	113	-2.7	5.7	4.8	1	J
19					7.9	23	117	-3.3	5.8	4.2	1	J
20												
21												
22												
23												
24												

JAN. 2, 1991 (002)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	317	5.2	17	J	7.2	-33	127	-3.3	4.1	-4.0	3	J
14	316	4.3	11	J	7.3	-31	153	-5.3	2.5	-3.8	2	J
15	324	4.7	11	J	7.2	-36	137	-4.1	3.8	-4.1	2	J
16	327	4.5	7	J	7.1	-47	132	-3.2	3.7	-5.0	1	J
17	327	4.9	8	J	7.1	-44	129	-3.2	4.3	-4.5	1	J
18	328	6.5	9	J	6.6	-42	125	-2.7	4.5	-3.7	2	J
19	327	6.3	5	J	7.1	-46	152	-4.4	3.2	-4.6	1	J
20	324	6.0	8	J	7.2	-44	150	-4.3	3.5	-4.1	2	J
21	321	7.2	8	J	6.8	-25	131	-3.9	5.1	-1.5	2	J
22	323	9.2	15	J	6.9	-3	122	-3.3	5.1	1.2	3	J
23	321	8.3	12	J	7.4	-46	117	-2.3	5.9	-3.6	1	J
24	329	8.0	5	J	7.2	-53	111	-1.5	5.5	-4.1	2	J

JAN. 3, 1991 (003)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	323	7.8	12	J	6.8	-61	119	-1.5	4.1	-4.4	3	J
2	329	8.7	6	J	6.7	-46	96	-0.5	5.7	-3.3	1	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	329	9.9	24	J	8.3	-21	133	-4.8	4.9	-3.1	3	J
14	323	10.2	32	J	8.2	19	126	-4.1	5.7	2.1	4	J
15	335	9.0	15	J	8.1	49	109	-1.7	4.9	5.9	2	J
16	331	8.7	20	J	8.0	-1	131	-4.7	5.4	0.1	4	J
17	339	9.1	15	J	8.5	22	119	-3.7	6.4	3.7	2	J
18	337	8.5	23	J	8.7	31	135	-5.0	4.3	4.9	3	J
19	337	8.9	25	J	8.0	1	135	-5.0	4.9	1.1	4	J
20	336	8.9	30	J	8.1	3	136	-5.5	5.0	1.7	3	J
21	336	9.8	23	J	8.0	-12	126	-4.3	6.1	0.1	3	J
22	341	14.9	23	J	6.6	-43	140	-3.6	4.3	-3.3	2	J
23	345	21.3	20	J	4.2	-62	143	-1.6	2.3	-3.1	1	J
24	343	21.9	18	J	4.0	-70	162	-1.3	1.6	-3.4	1	J

JAN. 4, 1991 (004)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	342	21.9	16	J	4.0	-56	152	-2.0	2.0	-2.8	1	J
2	339	22.7	12	J	4.5	-62	179	-1.6	0.9	-3.0	3	J
3	331	18.6	20	J	5.5	-22	285	1.2	-3.8	-2.8	3	J
4	337	11.3	34	J	6.4	-82	307	0.4	0.3	-4.7	5	J
5	337	9.2	32	J	7.4	-50	101	-0.9	5.2	-4.9	2	J
6	334	8.1	61	J	7.3	-6	314	4.6	-4.7	-1.0	3	J
7	332	8.4	65	J	6.8	-30	339	5.3	-2.0	-3.3	2	J
8	337	8.6	55	J	7.1	-4	315	4.8	-4.8	-0.3	2	J
9	344	8.6	56	J	6.6	-1	300	3.2	-5.5	0.3	2	J
10	338	8.5	67	J	5.5	-1	296	2.2	-4.6	0.4	2	J
11	339	9.1	63	J	5.1	-15	291	1.6	-4.2	-0.8	2	J
12	339	9.5	60	J	4.9	-8	289	1.5	-4.3	-0.2	2	J
13	338	8.8	55	J	5.1	3	293	1.9	-4.5	0.6	2	J
14	338	8.8	57	J	5.7	-5	299	2.7	-4.9	-0.3	1	J
15	336	8.8	90	J	5.3	20	318	3.6	-3.3	1.8	1	J
16	356	6.5	55	J	7.9	-5	317	5.6	-5.2	-0.9	2	J
17	362	5.8	58	J	8.3	-8	318	6.0	-5.2	-1.7	2	J
18	375	5.8	79	J	7.7	11	302	3.9	-6.4	0.5	2	J
19	380	6.0	107	J	7.2	17	309	4.0	-5.3	0.9	2	J
20	376	6.8	121	J	7.1	-4	309	4.1	-4.8	-1.7	3	J
21	391	6.9	86	J	7.5	5	280	1.2	-6.8	-1.4	3	J
22	362	6.9	100	J	7.8	-6	324	5.7	-3.7	-2.0	3	J
23	364	7.0	97	J	7.9	9	311	4.9	-5.7	-0.7	2	J
24	364	7.5	98	J	8.0	-2	306	4.4	-5.6	-2.2	3	J

JAN. 5, 1991 (005)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	366	8.6	83	J	7.4	51	293	1.5	-4.8	3.3	4	J
2	355	9.6	109	J	7.2	-2	314	4.9	-4.8	-1.7	2	J
3	376	10.3	74	J	7.5	69	97	-0.3	0.8	6.9	3	J
4	371	9.7	87	J	6.6	63	310	1.2	-2.2	3.4	5	J
5	372	6.6	94	J	8.8	15	308	3.6	-4.8	0.9	7	J
6	383	7.5	89	J	8.9	73	266	-0.2	-2.7	7.1	5	J
7	370	7.2	110	J	8.2	-3	294	2.8	-6.2	-0.4	5	J
8	381	6.6	97	J	8.5	38	283	1.3	-5.4	4.7	4	J
9	374	6.3	102	J	8.5	10	304	4.3	-6.3	1.8	3	J
10	368	5.3	102	J	8.4	-25	317	5.4	-5.4	-3.0	2	J
11	387	4.6	150	J	8.3	-27	314	4.7	-5.2	-3.0	3	J
12												
13												
14												
15												
16	405	3.3	59	J	7.2	23	353	6.5	-1.0	2.7	1	J
17	415	3.2	92	J	6.9	18	326	4.8	-3.4	1.5	3	J
18												
19												
20												
21												
22												
23												
24												

JAN. 10, 1991 (010)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	379	8.7	78	J	6.4	37	194	-4.4	-0.9	3.5	3	J
13	382	8.0	65	J								
14	379	7.6	61	J	6.6	11	127	-3.2	4.3	1.1	3	J
15	391	7.5	62	J	6.1	-66	124	-1.2	1.9	-4.6	3	J
16	375	6.9	73	J	5.9	-23	139	-3.7	3.4	-1.8	3	J
17	371	6.6	67	J	5.8	-31	165	-4.1	1.5	-2.4	3	J
18												
19	361	6.6	51	J	5.7	7	164	-5.2	1.3	1.0	2	J
20	366	6.2	45	J	5.8	-4	144	-4.3	3.1	0.5	2	J
21	374	6.4	46	J	6.3	-6	131	-3.7	4.2	0.8	3	J
22	400	6.4	31	J	5.8	-80	89	0.0	2.0	-3.4	4	J
23	394	6.4	35	J	6.3	-28	99	-0.8	5.9	-0.7	2	J
24	385	6.7	20	J	7.1	-3	98	-0.9	6.4	2.1	2	J

JAN. 11, 1991 (011)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	390	7.6	31	J	6.9	-19	99	-0.9	6.1	0.2	3	J
2	393	6.8	16	J	7.3	-15	96	-0.7	6.9	0.5	2	J
3	384	7.6	21	J	7.5	-4	106	-2.0	6.7	1.5	2	J
4	381	7.2	22	J	7.6	-10	103	-1.6	7.2	0.4	2	J
5	386	7.3	22	J	7.2	-20	97	-0.7	6.4	-1.1	3	J
6	389	7.5	25	J	6.6	-21	89	0.1	5.8	-1.5	3	J
7	385	7.5	25	J	6.9	-18	101	-1.1	5.7	-1.5	3	J
8	376	7.5	22	J	7.3	-7	106	-1.9	6.8	-0.8	2	J
9	374	8.0	31	J	7.7	0	115	-3.2	6.8	-0.2	1	J
10	377	8.5	33	J	7.1	-43	130	-2.9	3.2	-4.3	4	J
11	379	8.3	36	J	6.5	-24	104	-1.1	4.1	-2.2	4	J
12	369	8.2	47	J	6.4	-18	142	-2.9	2.2	-1.3	5	J
13	369	8.4	40	J	7.4	-29	131	-3.6	4.0	-3.1	4	J
14	374	8.1	30	J	7.7	-12	114	-2.9	6.4	-1.4	3	J
15	371	8.5	27	J	7.8	10	124	-4.0	5.9	1.6	3	J
16	365	8.3	36	J	7.5	-26	137	-4.2	4.2	-2.4	4	J
17	374	8.3	32	J	6.5	-29	121	-2.7	4.8	-2.2	3	J
18	381	8.3	36	J	6.5	-43	131	-2.8	3.9	-3.2	3	J
19	352	8.3	59	J	6.4	-21	158	-5.2	2.6	-1.6	2	J
20	355	8.5	48	J	6.5	-38	173	-4.3	1.5	-3.1	4	J
21	353	8.5	49	J	6.9	1	132	-4.3	4.5	1.7	2	J
22	361	8.6	38	J	6.7	1	122	-3.2	4.8	1.9	3	J
23	363	9.0	41	J	6.1	-35	221	-3.5	-1.6	-4.1	2	J
24												

91-01-12 - 91-01-23

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					JAN. 12, 1991 (012)							
1												
2	380	16.5	128	J	8.7	-22	146	-5.9	4.7	-1.4	4	J
3	399	30.0	292	J	10.1	11	169	-8.7	1.1	2.1	5	J
4	413	27.4	157	J	10.3	68	145	-2.5	-0.1	7.8	6	J
5	414	27.1	129	J	9.5	53	94	-0.2	2.5	5.1	8	J
6	416	27.8	98	J	11.1	-50	104	-1.6	7.4	-7.0	4	J
7	419	41.2	76	J	10.3	-52	92	-0.1	3.9	-4.3	9	J
8	410	28.0	116	J	14.0	-28	130	-1.4	1.6	-1.1	14	J
9	397	12.7	276	J	13.3	6	236	-6.2	-9.2	1.3	7	J
10	413	18.3	363	J	11.2	-30	3	7.5	0.2	-4.4	7	J
11	414	16.4	256	J	11.7	-25	317	6.8	-6.5	-4.0	6	J
12	405	11.6	163	J	9.7	16	289	2.4	-6.8	2.4	6	J
13	395	12.5	126	J	8.4	10	247	-3.2	-7.4	1.6	2	J
14	390	11.3	120	J	7.5	22	238	-3.6	-5.8	2.7	2	J
15	390	10.6	106	J	6.6	14	249	-1.8	-4.8	1.0	4	J
16	394	10.6	82	J	6.9	47	251	-1.3	-4.2	3.9	4	J
17	395	9.5	37	J	9.1	-42	252	-1.9	-4.9	-6.4	4	J
18	391	9.3	43	J	8.5	-12	275	0.7	-7.0	-3.1	4	J
19												
20												
21												
22												
23												
24												
					JAN. 13, 1991 (013)							
1												
2												
3												
4												
5												
6	394	8.0	21	J	6.5	-74	31	1.3	1.5	-5.3	3	J
7	384	8.0	35	J	6.6	-41	36	3.8	3.0	-3.8	2	J
8	381	9.1	47	J	6.9	-40	332	4.1	-2.1	-3.9	3	J
9	380	8.5	38	J	6.8	13	310	3.9	-4.7	1.5	3	J
10	370	7.7	25	J	6.5	23	325	4.6	-3.1	2.5	2	J
11	378	7.0	29	J	6.1	43	327	3.6	-2.2	4.0	2	J
12	367	6.2	61	J	6.0	-8	349	5.2	-1.0	-0.7	3	J
13	358	5.1	91	J	6.4	1	1	6.1	0.1	0.1	2	J
14	420	4.2	84	J	6.9	21	355	6.2	-0.6	2.4	2	J
15	430	3.7	110	J	6.3	8	340	5.3	-2.0	0.7	3	J
16	439	4.0	130	J	7.1	25	317	4.2	-4.2	2.3	3	J
17	479	2.9	69	J	6.7	9	311	3.8	-4.5	0.2	3	J
18	498	3.4	102	J	6.5	-20	291	2.2	-5.0	-3.3	1	J
19	480	3.5	106	J	6.0	-20	308	3.3	-3.6	-3.0	2	J
20	475	3.3	135	J	5.6	0	306	2.8	-3.6	-1.2	3	J
21	465	3.4	154	J	5.5	14	309	3.0	-3.9	-0.1	3	J
22												
23	438	3.6	103	J	5.5	49	18	3.3	-0.5	4.1	2	J
24	422	4.1	153	J	5.6	36	341	3.7	-2.2	2.1	3	J
					JAN. 14, 1991 (014)							
1	407	4.0	131	J	5.7	4	357	4.8	-0.4	0.2	3	J
2	425	3.0	76	J	6.0	49	336	3.3	-2.8	3.4	2	J
3	420	3.3	79	J	6.1	32	318	3.0	-3.4	1.6	4	J
4	397	2.1	17	J	6.6	61	351	2.6	-1.6	4.5	4	J
5	437	3.2	13	J	6.8	78	261	-0.2	-2.7	6.1	1	J
6	418	3.4	28	J	6.7	73	312	1.3	-2.3	6.0	2	J
7	406	3.4	28	J	6.9	58	335	3.0	-1.8	5.1	3	J
8												
9												
10												
11												
12												
13	416	5.8	64	J	6.4	53	300	1.7	-2.9	4.4	3	J
14	437	6.2	92	J	5.7	40	260	-0.6	-3.3	2.7	4	J
15	414	6.5	112	J	4.3	22	287	0.8	-2.6	0.9	3	J
16	402	6.4	116	J	3.6	34	291	0.7	-1.9	1.1	3	J
17	421	5.6	88	J	4.6	37	255	-0.9	-3.6	1.9	2	J
18	411	5.3	77	J	4.2	31	265	-0.3	-3.7	1.2	2	J
19	414	5.2	84	J	3.6	-9	245	-1.0	-2.1	-1.0	3	J
20	401	4.2	63	J	4.5	38	274	0.2	-4.0	1.5	1	J
21	400	4.4	77	J	3.8	41	279	0.4	-3.2	1.2	2	J
22	399	4.3	59	J	4.4	43	272	0.1	-3.5	1.4	2	J
23	403	4.7	73	J	4.3	49	277	0.3	-2.9	1.5	3	J
24	395	4.9	70	J	4.2	26	305	1.3	-2.1	0.3	3	J
					JAN. 15, 1991 (015)							
1	414	4.5	31	J	5.4	-75	214	-1.1	1.2	-4.9	2	J
2	412	4.4	28	J	5.6	-70	243	-0.9	0.2	-5.4	1	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	417	5.5	81	J	7.6	54	290	1.4	-3.8	5.5	3	J
14	409	4.7	68	J	7.9	62	305	2.0	-3.1	6.4	3	J
15	420	5.1	90	J	7.9	73	264	-0.2	-2.7	6.9	3	J
16	410	5.2	72	J	7.9	68	304	1.4	-2.9	6.0	4	J
17	406	5.3	90	J	7.6	46	304	2.6	-4.6	4.1	3	J
18	414	4.7	109	J	6.9	42	292	1.6	-4.7	2.8	4	J
19					6.7	-29	269	-0.1	-4.4	-4.4	2	J
20					7.0	-62	266	-0.2	-1.1	-6.5	2	J
21					7.0	-16	240	-2.8	-4.0	-3.3	4	J
22					7.0	23	277	0.7	-6.3	0.1	3	J
23					6.8	47	276	0.4	-5.6	2.5	3	J
24					6.2	35	292	1.7	-5.1	1.2	3	J
					JAN. 16, 1991 (016)							
1					6.8	62	301	1.6	-4.6	4.3	2	J
2					6.1	45	288	1.3	-5.2	2.5	2	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13					6.9	40	295	2.2	-4.8	4.4	0	J
14					6.2	-19	320	3.4	-2.8	-1.6	4	J
15					6.6	30	325	4.3	-3.3	2.8	3	J
16					6.7	45	308	2.6	-3.9	3.8	3	J
17					6.7	27	282	1.1	-5.6	1.7	3	J
18					6.6	35	291	1.6	-4.8	2.1	4	J
19					6.2	52	271	0.1	-4.5	3.2	3	J
20					6.0	40	315	2.2	-2.9	1.7	4	J
21					6.3	-33	303	2.6	-2.7	-4.4	2	J
22					6.1	5	340	5.3	-2.0	-0.3	2	J
23					6.0	8	320	3.3	-2.8	-0.6	4	J
24					5.9	30	295	1.9	-4.7	0.7	3	J
					JAN. 17, 1991 (017)							
1					6.1	-12	333	4.4	-1.7	-1.9	3	J
2					6.0	-12	356	5.7	0.1	-1.3	2	J
3					6.1	15	331	4.6	-2.9	0.5	3	J
4					6.2	23	306	2.9	-4.4	0.9	3	J
5					6.4	49	350	2.9	-1.2	3.2	4	J
6					6.5	7	307	3.4	-4.6	0.0	3	J
7					6.4	-1	324	4.5	-3.3	-0.4	3	J
8					6.5	6	338	5.3	-2.2	0.5	3	J
9					6.6	-6	341	4.9	-1.7	-0.6	4	J
10					6.9	-54	86	0.3	3.9	-5.4	2	J
11												
12												
13												
14												
15					6.0	-38	336	3.5	-1.3	-3.1	4	J
16					6.3	-33	320	3.1	-2.2	-2.9	4	J
17					6.5	15	297	2.3	-4.6	0.5	4	J
18					7.0	38	290	1.5	-4.8	2.3	4	J
19					7.2	40	269	-0.1	-5.0	2.2	5	J
20					6.6	24	290	1.6	-4.9	0.5	4	J
21					6.8	28	311	3.1	-4.3	1.0	4	J
22					7.3	8	302	3.7	-5.8	-1.4	2	J
23					7.2	-17	311	4.3	-3.7	-3.8	2	J
24					6.9	1	315	4.5	-4.1	-1.7	3	J
					JAN. 18, 1991 (018)							
1					6.8	26	259	-1.0	-5.9	0.3	3	J
2					6.3	-13	329	4.8	-2.2	-2.2	3	J
3					6.5	-18	322	4.6	-2.7	-3.0	2	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15					7.0	55	265	-0.3	-4.2	4.9	2	J
16												
17												
18												
19												
20												
21												
22												
23												
24												
					JAN. 23, 1991 (023)							
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	345	16.4	25	J	4.4	19	111	-1.3	3.4	1.4	2	J
11	339	14.2	14	J	4.8	-31	313	2.7	-2.8	-2.5	1	J
12	348	19.2	177	J	4.0	-1	329	3.1	-1.9	-0.1	1	J
13	339	15.0	20	J	6.3	51	316	2.4	-2.5	4.0	3	J
14	344	12.7	33	J	5.7	3	310	3.2	-3.8	-0.1	3	J
15	355	11.6	42	J	6.0	-16	306	3.3	-4.3	-2.2	1	J
16	355	12.2	48	J	6.3	-8	307	3.6	-4.6	-1.7	1	J
17	363	13.4	41	J	6.4	0	275	0.5	-6.1	-1.4	1	J
18												
19	351	12.0	52	J	7.1	31	318	4.2	-4.7	2.0	2	J
20	354	13.0	65	J	6.5	18	310	3.6	-4.7	0.1	3	J
21	365	16.2	86	J	7.0	42	350	4.7	-2.5	3.6	3	J
22	394	21.4	68	J	10.1	27	296	3.3	-7.8	0.6	5	J
23	409	20.1	95	J	8.0	40	127	-2.8	1.6	5.1	6	J
24	427	17.4	136	J	7.8	61	351	1.1	-1.0	1.7	8	J

91-01-24 - 91-01-31

JAN. 24, 1991 (024)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	427	15.8	168	J	8.8	-35	275	0.6	-3.8	-6.8	4	J
2	417	16.3	184	J	11.0	3	294	4.3	-9.0	-3.4	3	J
3	408	16.4	180	J	11.2	-28	312	6.4	-4.7	-7.3	3	J
4	415	14.8	177	J	12.1	-16	298	5.3	-8.4	-6.2	3	J
5	409	15.1	145	J	11.9	14	307	6.3	-8.8	0.3	5	J
6	410	16.0	125	J	12.2	20	304	5.4	-8.6	1.8	6	J
7	418	22.2	166	J	10.6	-21	338	7.8	-2.6	-3.7	6	J
8	427	20.7	124	J	10.7	-23	341	9.2	-2.7	-4.4	2	J
9	427	21.1	61	J	10.7	-18	332	8.8	-4.5	-3.5	2	J
10	412	21.6	48	J	11.1	-36	327	6.4	-3.9	-5.8	6	J
11	397	16.7	49	J	11.8	-48	328	6.4	-3.7	-8.5	4	J
12	406	20.6	73	J	10.2	-13	319	7.1	-6.0	-2.4	4	J
13	400	30.1	41	J	7.6	-20	330	4.6	-2.6	-2.1	5	J
14	396	29.0	28	J	6.8	1	315	4.6	-4.6	-0.3	2	J
15	396	25.8	26	J	5.8	-4	336	4.9	-2.1	-0.7	2	J
16	389	21.4	28	J	4.5	-74	143	-0.5	0.8	-2.1	4	J
17	380	21.5	27	J	5.5	-54	175	-3.2	1.3	-4.2	2	J
18												
19	392	27.2	20	J	6.8	62	303	1.7	-4.4	4.7	1	J
20	396	27.6	22	J	6.6	58	295	1.4	-4.9	3.9	2	J
21	399	29.8	26	J	6.7	61	304	1.7	-4.4	3.9	3	J
22	408	31.4	24	J	6.3	76	357	1.5	-2.6	5.3	2	J
23	416	25.2	14	J	9.1	85	303	0.4	-4.6	7.8	1	J
24	422	17.2	22	J	10.7	80	312	1.2	-5.9	8.7	2	J

JAN. 25, 1991 (025)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	428	8.1	27	J	11.6	75	282	0.6	-7.4	8.8	2	J
2	435	9.7	26	J	10.9	75	291	1.0	-6.5	8.3	3	J
3	434	9.2	19	J	11.6	67	293	1.8	-7.8	8.3	1	J
4	431	13.7	23	J	12.0	80	299	1.0	-5.5	10.5	1	J
5	425	15.8	24	J	11.3	79	259	-0.4	-5.0	10.0	2	J
6	407	15.8	18	J	11.7	77	359	2.5	-2.3	10.6	4	J
7	398	20.5	23	J	11.4	66	12	4.5	-0.7	10.3	2	J
8	402	25.0	25	J	11.0	68	69	1.4	2.6	10.0	4	J
9	410	22.7	25	J	11.5	43	105	-2.1	7.3	8.2	3	J
10	393	22.8	23	J	10.1	-13	131	-6.1	7.1	-1.8	4	J
11	377	19.2	54	J	12.0	11	154	-10.1	4.8	2.4	4	J
12	387	24.3	47	J	10.5	29	151	-8.0	4.2	5.2	2	J
13	380	24.3	45	J	10.6	28	152	-8.1	4.0	5.2	3	J
14	374	17.6	48	J	13.6	23	142	-9.8	7.1	6.0	2	J
15	372	15.8	85	J	14.1	11	136	-9.9	9.1	3.9	2	J
16	381	25.2	80	J	13.0	-1	130	-8.3	9.8	1.6	2	J
17	376	21.9	54	J	14.1	-31	143	-9.0	8.1	-5.0	5	J
18	391	37.4	42	J	11.5	-61	212	-3.8	0.0	-8.5	7	J
19	390	28.9	38	J	13.8	-28	116	-4.5	10.4	-2.1	8	J
20	389	17.8	51	J	15.6	-1	107	-4.4	13.4	5.1	4	J
21	405	9.0	155	J	14.3	-33	112	-4.3	12.7	-2.4	5	J
22	422	6.8	328	J	12.8	-22	103	-2.4	11.2	0.6	6	J
23	423	4.8	317	J	14.0	-21	106	-3.5	13.0	1.1	4	J
24	449	5.9	317	J	13.1	-17	98	-1.6	11.7	2.0	5	J

JAN. 26, 1991 (026)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12					4.8	30	139	-3.1	2.5	2.5	1	J
13	545	1.0	57	J	4.9	10	141	-3.4	2.7	1.0	2	J
14	559	1.2	78	J	4.5	9	155	-3.0	1.3	0.7	3	J
15	542	1.2	67	J	4.3	17	198	-3.5	1.3	1.0	2	J
16	518	1.1	58	J	4.5	12	186	-4.1	-0.6	0.8	2	J
17					4.4	18	173	-4.0	0.2	1.4	1	J
18					4.2	4	156	-3.7	1.5	0.8	1	J
19												
20												
21												
22												
23												
24												

JAN. 27, 1991 (027)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16					4.7	-50	91	0.0	3.0	-2.4	3	J
17	432	3.7	41	J	4.0	-6	80	0.5	2.6	0.4	3	J
18	471	4.5	77	J	4.3	5	20	3.7	1.2	0.7	2	J
19												
20												
21												
22												
23												
24					5.4	-14	153	-4.6	2.7	-0.1	1	J

JAN. 28, 1991 (028)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	402	4.6	31	J	5.3	11	156	-4.6	1.4	1.8	1	J
2	405	4.1	32	J	5.3	13	152	-4.2	1.6	1.9	2	J
3	408	4.2	33	J	5.7	-11	151	-4.6	2.7	0.0	2	J
4	405	4.8	33	J	6.1	-13	159	-5.3	2.3	-0.5	2	J
5	409	4.2	29	J	6.2	-19	156	-5.2	2.8	-1.2	2	J
6	405	3.8	34	J	5.7	4	167	-4.8	1.0	0.6	3	J
7	399	3.9	50	J	6.0	36	186	-4.5	-1.0	3.2	2	J
8	403	3.7	32	J	5.8	24	164	-4.9	1.1	2.4	1	J
9												
10												
11												
12												
13												
14												
15												
16	389	4.1	26	J								
17	397	3.4	24	J	6.5	-4	146	-5.3	3.6	0.5	1	J
18	421	3.7	68	J	5.9	60	250	-0.3	-1.4	1.4	6	J
19	429	3.6	67	J	5.5	59	115	-0.6	0.4	2.7	5	J
20	409	3.5	89	J	5.2	41	156	-2.2	0.1	2.3	4	J
21	440	3.5	57	J	6.3	87	315	0.2	-2.8	5.4	2	J
22	420	3.7	48	J	5.6	-21	117	-1.4	3.1	0.2	5	J
23	409	4.2	51	J	5.4	-43	129	-2.3	4.2	-1.8	2	J
24	410	4.4	46	J	5.5	-22	105	-1.2	5.0	0.4	1	J

JAN. 29, 1991 (029)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	392	4.6	47	J	5.4	14	132	-3.1	2.5	2.5	3	J
2	396	4.1	48	J	5.0	10	118	-2.0	3.1	2.3	2	J
3	386	4.7	63	J	4.6	-8	123	-2.0	3.0	0.7	3	J
4	401	4.7	48	J	4.5	-56	69	0.7	2.7	-2.1	3	J
5	396	4.4	43	J	5.2	6	73	1.3	4.0	1.7	3	J
6	394	4.9	44	J	5.4	-13	70	1.6	4.6	0.0	2	J
7	379	4.5	29	J	4.3	-24	103	-0.7	3.3	-0.8	3	J
8	379	4.6	28	J	3.7	-47	119	-1.1	2.3	-2.2	1	J
9	379	5.3	26	J	2.4	-68	86	0.0	0.7	-1.3	2	J
10	379	5.4	30	J	3.3	-15	120	-0.9	1.5	-0.4	3	J
11												
12												
13												
14												
15												
16												
17	351	9.0	20	J	3.5	-21	60	1.4	2.7	-0.4	2	J
18	347	8.0	12	J	4.5	31	49	2.3	1.9	2.8	2	J
19	351	7.4	11	J	4.9	53	63	1.2	1.0	4.2	2	J
20	349	8.9	14	J	5.2	23	53	2.3	2.1	2.7	3	J
21	347	9.7	14	J	4.6	-40	73	1.0	4.1	-1.2	1	J
22	344	9.0	17	J	4.1	-34	78	0.6	3.3	-0.4	2	J
23	337	8.5	12	J	5.0	46	115	-1.3	1.0	4.2	2	J
24	334	8.4	16	J	4.5	-8	107	-1.2	3.6	1.3	2	J

JAN. 30, 1991 (030)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	338	7.7	15	J	4.3	-4	102	-0.5	2.2	0.9	4	J
2	336	7.6	16	J	4.1	-6	109	-1.1	3.1	1.1	2	J
3	339	8.0	13	J	4.4	1	79	0.8	3.7	1.7	2	J
4	335	8.0	16	J	4.5	-4	77	0.9	3.9	1.2	2	J
5	317	7.8	29	J	4.7	15	139	-3.0	2.2	1.8	2	J
6	321	7.9	25	J	4.4	36	106	-0.7	2.0	2.5	3	J
7	333	8.1	15	J	4.7	-14	63	2.0	4.1	-0.4	1	J
8												
9												
10												
11												
12												
13												
14	352	11.0	49	J	6.0	26	57	2.6	3.7	2.9	3	J
15	345	11.5	70	J	6.0	-20	90	0.0	3.5	-0.7	5	J
16	348	11.3	69	J	5.9	-65	65	0.8	2.4	-3.5	4	J
17	341	10.8	69	J	6.4	-73	219	-1.2	0.4	-5.2	4	J
18	346	11.0	66	J	6.4	-46	92	-0.1	4.9	-2.6	3	J
19	340	11.3	79	J	6.9	-66	129	-1.4	3.5	-4.1	4	J
20	332	11.0	84	J	7.6	6	115	-2.8	5.3	3.0	4	J
21	337	9.9	85	J	7.1	34	90	0.0	3.0	5.2	4	J
22	346	10.1	75	J	6.6	48	57	2.0	0.9	5.1	3	J
23	351	10.2	72	J	6.9	41	47	3.3	1.1	5.4	3	J
24	341	13.2	55	J	5.6	52	87	0.1	0.6	3.4	4	J

JAN. 31, 1991 (031)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	352	23.3	61	J	5.1	-32	191	-2.7	0.3	-1.7	4	J
2	371	28.6	52	J	5.9	-31	153	-3.7	2.8	-1.4	3	J
3	380	31.9	41	J	4.4	-17	160	-3.2	1.5	-0.5	3	J
4	376	25.7	33	J	6.5	-39	229	-2.5	-1.6	-4.0	4	J
5												
6												
7	374	19.9	40	J	9.8	-25	245	-3.8	-7.1	-5.6	1	J
8	373	20.4	45	J	11.4	-44	219	-5.9	-3.7	-8.0	4	J
9	359	18.5	39	J	11.3	14	301	5.4	-9.3	1.6	3	J
10	348	17.0	42	J	11.3	-6	312	7.5	-8.1	-1.9	2	J
11												
12												
13												
14	368	18.0	118	J	8.3	41	309	3.8	-5.3	4.6	3	J
15	365	23.3	104	J	7.1	27	297	2.1	-4.4	1.6	6	J
16					8.6	19	282	1.4	-7.0	0.9	5	J
17												
18	377	20.4	81	J	14.3	35	294	4.7	-12.6	4.4	2	J
19	367	21.3	93	J	14.5	64	339	4.4	-5.1	8.4	10	J
20	379	23.0	102	J	14.1	21	287	3.7	-13.0	-0.4	4	J
21					14.0	18	291	4.2	-11.5	-1.3	7	J
22												
23												
24												

91-02-05 - 91-02-12

FEB. 5, 1991 (036)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7													
8													
9					3.0	0	130	-0.6	0.8	0.1	3	J	
10	437	18.8	51	J	2.9	-8	53	1.3	1.7	-0.1	2	J	
11					5.2	18	63	2.2	4.1	2.0	0	J	
12	423	14.7	51	J	2.7	5	10	2.6	0.4	0.3	1	J	
13	424	13.0	46	J	2.8	3	17	1.3	0.4	0.1	3	J	
14	417	11.9	42	J	3.5	2	161	-3.1	1.0	0.3	1	J	
15	416	9.2	28	J	3.8	-7	167	-3.3	0.8	-0.3	1	J	
16	407	9.1	31	J	3.4	4	159	-2.8	1.0	0.5	1	J	
17													
18													
19													
20													
21													
22													
23													
24													

FEB. 6, 1991 (037)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2	365	11.8	55	J	6.5	-5	167	-6.0	1.5	0.2	2	J	
3	365	13.7	56	J	6.8	11	182	-5.9	-0.7	0.9	3	J	
4	375	13.9	40	J	6.9	49	179	-3.9	-1.6	4.1	3	J	
5	392	12.4	39	J	6.8	18	84	0.6	4.4	3.4	4	J	
6	385	10.9	37	J	7.0	31	105	-1.4	4.2	4.6	3	J	
7	375	11.6	46	J	6.9	31	139	-3.9	2.6	3.8	3	J	
8	375	11.7	52	J	6.9	17	130	-3.8	4.2	2.6	3	J	
9	378	10.9	51	J	7.5	16	124	-3.8	5.3	2.7	2	J	
10	385	8.9	42	J	8.3	7	113	-3.1	7.2	1.8	2	J	
11	393	7.5	46	J	8.4	1	111	-2.9	7.4	0.9	3	J	
12	398	7.1	34	J	8.7	-10	108	-2.6	8.0	-0.6	2	J	
13	403	7.1	40	J	8.2	-8	113	-3.0	7.2	-0.2	3	J	
14	410	7.2	32	J	8.0	5	107	-2.3	7.2	1.9	2	J	
15	422	7.0	39	J	7.9	13	102	-1.5	6.7	3.1	3	J	
16	418	6.4	34	J	7.6	8	104	-1.8	6.6	2.7	2	J	
17	423	7.3	65	J	6.1	1	115	-2.0	4.1	1.3	4	J	
18	425	7.5	59	J	6.8	-2	103	-1.4	5.9	1.9	2	J	
19	411	6.9	65	J	5.5	-17	161	-3.5	1.6	-0.6	4	J	
20	416	6.7	81	J	5.6	-10	135	-3.1	3.2	0.6	3	J	
21	421	6.5	64	J	5.8	-7	115	-2.2	4.4	1.6	3	J	
22	412	5.8	55	J	5.7	-1	143	-3.9	2.6	1.4	3	J	
23	420	7.0	57	J	6.1	-21	166	-3.6	1.5	-0.8	5	J	
24	430	6.6	52	J	6.5	19	106	-1.6	3.8	4.5	2	J	

FEB. 7, 1991 (038)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	421	6.6	54	J	6.9	23	116	-2.5	3.2	4.5	3	J	
2	425	6.3	55	J	6.8	-5	114	-2.4	4.9	2.0	3	J	
3	420	5.9	57	J	6.8	-11	128	-3.6	4.6	0.9	3	J	
4	419	6.3	91	J	6.2	-16	160	-4.7	2.1	-0.7	3	J	
5	416	6.0	86	J	6.8	-23	156	-5.0	2.9	-1.4	3	J	
6													
7	445	6.6	86	J	7.0	-20	132	-3.6	4.3	-1.0	4	J	
8	444	6.5	76	J	7.0	-3	121	-3.3	5.4	0.7	3	J	
9	436	6.9	99	J	6.7	-13	121	-3.2	5.4	-0.6	2	J	
10													
11	431	7.2	84	J	6.6	-2	116	-2.7	5.5	0.4	3	J	
12	416	6.8	61	J	6.3	-16	149	-4.6	2.9	-1.2	3	J	
13	443	7.1	56	J	6.3	5	106	-1.4	4.9	1.1	3	J	
14	404	6.2	50	J	6.3	-11	157	-5.4	2.5	-0.8	2	J	
15	423	10.2	53	J	4.8	-32	158	-3.5	1.9	-2.0	2	J	
16	427	10.3	71	J	5.2	-25	166	-4.5	1.6	-1.8	1	J	
17					5.2	-20	163	-4.6	1.9	-1.3	1	J	
18	411	7.3	30	J									
19	410	11.3	61	J	6.6	15	168	-6.0	0.5	2.0	2	J	
20	418	13.6	51	J	5.2	-8	194	-4.9	-0.8	-1.2	1	J	
21	404	20.1	34	J	4.4	-37	208	-2.4	-0.2	-2.4	3	J	
22	417	14.5	31	J	6.1	15	220	-4.3	-3.9	-0.5	2	J	
23	420	14.9	29	J	4.8	27	216	-3.2	-3.1	0.6	2	J	
24	413	16.9	26	J	2.4	1	187	-1.3	-0.1	-0.1	2	J	

FEB. 8, 1991 (039)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	420	13.1	24	J	5.2	27	256	-1.1	-4.9	-0.2	2	J	
2	419	12.0	19	J	5.8	22	244	-2.2	-5.0	-0.3	2	J	
3	415	11.5	24	J	5.8	-17	226	-3.5	-2.6	-2.9	2	J	
4	407	13.3	32	J	5.4	-41	261	-0.5	-2.0	-4.1	3	J	
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15	373	14.8	56	J	6.9	31	304	2.7	-4.5	2.0	4	J	
16	373	14.8	67	J	5.2	-42	238	-1.4	-1.6	-2.9	4	J	
17	371	13.7	64	J	6.3	-63	181	-2.6	1.5	-4.9	2	J	
18													
19	377	8.3	74	J	5.4	-18	175	-3.3	0.7	-0.9	5	J	
20	376	8.8	96	J	3.0	48	242	-0.5	-1.3	0.6	3	J	
21	388	9.7	62	J	4.1	1	237	-1.5	-2.1	-1.1	4	J	
22	389	10.9	41	J	5.4	-36	229	-2.5	-1.2	-3.9	2	J	
23	381	10.5	40	J	7.0	-46	225	-3.0	-0.4	-5.3	3	J	
24	386	11.7	33	J	7.7	-2	265	-0.7	-6.4	-4.1	2	J	

FEB. 9, 1991 (040)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	385	10.5	51	J	7.8	8	305	4.2	-5.7	-2.1	2	J	
2	376	9.5	63	J	8.0	-4	317	5.6	-4.4	-2.9	2	J	
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17	425	9.2	117	J	8.9	-56	267	-0.2	-2.2	-7.4	4	J	
18	414	10.1	129	J	9.4	-16	267	-0.4	-6.6	-4.9	5	J	
19	436	10.2	123	J	8.9	34	230	-3.7	-5.6	1.8	6	J	
20													
21													
22													
23													
24													

FEB. 10, 1991 (041)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16					6.4	24	302	3.1	-5.5	1.2	0	J	
17	368	8.1	24	J	6.3	46	308	1.9	-3.3	2.3	4	J	
18	368	8.0	19	J	6.3	71	4	2.0	-2.0	5.6	1	J	
19	372	7.9	26	J	5.9	14	280	1.0	-5.5	-0.9	2	J	
20	354	8.6	50	J	5.3	31	312	2.9	-4.1	0.9	2	J	
21	360	8.5	40	J	5.5	9	290	1.7	-4.5	-1.6	2	J	
22	362	8.8	35	J	5.3	16	292	1.7	-4.4	-1.0	2	J	
23	355	10.3	79	J	5.1	31	319	3.0	-3.5	0.7	2	J	
24	371	10.6	39	J	5.3	-10	278	0.7	-3.7	-3.2	2	J	

FEB. 11, 1991 (042)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	368	11.3	40	J	5.9	5	285	1.2	-4.2	-2.0	3	J	
2	375	11.3	33	J	6.5	-6	295	1.5	-2.7	-1.9	5	J	
3	373	12.0	31	J	8.1	-43	301	2.4	-1.7	-5.8	5	J	
4	382	15.5	52	J	10.5	4	294	3.8	-8.1	-2.8	5	J	
5	379	17.2	54	J	12.0	31	341	7.3	-4.0	3.5	8	J	
6	389	17.4	87	J	11.3	30	341	6.4	-3.3	3.1	8	J	
7	378	18.8	141	J	8.9	-5	14	6.7	1.8	-0.2	6	J	
8	396	17.4	124	J	8.0	18	292	2.4	-6.3	0.9	4	J	
9													
10													
11													
12													
13	438	9.2	171	J	7.8	14	311	4.9	-5.9	1.0	1	J	
14	431	9.5	180	J	7.8	20	331	6.1	-3.8	1.9	2	J	
15	435	9.9	134	J	7.8	10	336	6.5	-3.1	0.6	3	J	
16	438	9.0	104	J	7.6	-23	294	2.7	-5.2	-4.4	2	J	
17	438	9.0	105	J	7.8	-37	293	2.4	-3.9	-6.1	2	J	
18	429	8.8	114	J	7.8	-31	336	5.1	-0.9	-3.9	4	J	
19	432	8.5	94	J	8.5	-18	333	6.7	-2.1	-3.6	3	J	
20	423	8.0	73	J	8.7	7	332	7.3	-3.9	-0.8	3	J	
21	430	7.4	72	J	8.3	9	323	5.7	-4.3	-1.1	4	J	
22	448	7.3	109	J	7.5	0	309	3.3	-3.6	-2.1	5	J	
23	459	7.4	148	J	6.4	-52	329	2.3	0.6	-3.7	5	J	
24	432	7.5	155	J	6.5	-6	335	5.0	-1.7	-1.7	3	J	

FEB. 12, 1991 (043)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	449	7.8	122	J	6.6	-48	288	1.2	-1.0	-5.7	3	J	
2	438	7.7	111	J	6.4	-35	310	2.1	-1.1	-3.1	5	J	
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13	406	5.5	50	J	6.4	9	317	4.3	-4.1	0.3	2	J	
14	409	5.6	63	J	6.0	-3	313	3.6	-3.8	-1.0	3	J	
15	401	5.5	59	J	6.0	-13	347	4.7	-0.8	-1.3	3	J	
16	423	5.5	63	J	6.0	3	293	2.1	-4.8	-1.0	3	J	
17	426	5.2	56	J	6.2	16	286	1.5	-5.5	-0.2	2	J	
18	440	5.2	49	J	6.3	16	277	0.6	-5.0	-0.5	4	J	
19	391	4.8	44	J	6.4	14	313	4.0	-4.6	-0.4	2	J	
20	385	4.9	40	J	6.3	17	340	5.3	-2.5	0.7	2	J	
21	417	5.0	38	J	6.3	37	298	2.2	-5.3	1.1	2	J	
22	409	4.8	35	J	6.4	45	317	2.8	-4.2	2.0	3	J	
23	396	4.8	49	J	6.1	18	325	3.7	-2.9	-0.1	4	J	
24	410	4.9	36	J	6.2	-2	288	1.6	-4.1	-2.7	3	J	

91-02-13 - 91-02-24

FEB. 13, 1991 (044)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	403	4.6	33	J	6.3	52	325	2.9	-4.0	2.8	3	J
2	389	6.0	81	J	5.9	15	325	3.2	-2.4	-0.2	4	J
3	411	5.2	36	J	5.9	-29	290	1.4	-2.4	-3.8	3	J
4	419	5.2	33	J	5.9	-26	273	0.2	-3.3	-3.9	3	J
5					5.5	-37	267	-0.2	-2.2	-3.5	4	J
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

FEB. 18, 1991 (049)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	276	6.6	14	J	5.8	7	288	1.5	-4.3	-1.9	3	J
2	285	7.0	13	J	5.6	14	297	2.2	-4.3	-1.1	2	J
3	282	7.1	14	J	5.4	16	287	1.4	-4.6	-0.9	2	J
4	289	7.1	8	J	5.5	10	280	0.9	-4.8	-1.3	2	J
5	285	6.9	16	J	5.3	-9	288	1.5	-3.9	-2.4	2	J
6	281	6.4	10	J	5.5	-21	295	2.1	-3.6	-3.2	2	J
7	273	6.5	11	J	5.7	-22	320	3.6	-2.4	-2.6	3	J
8												
9	268	5.4	15	J	5.0	-21	338	3.5	-1.1	-1.7	3	J
10					4.9	5	315	3.3	-3.3	-0.2	1	J
11	283	7.1	11	J	4.8	27	283	0.8	-3.8	1.3	3	J
12	278	7.2	12	J	5.0	21	298	2.0	-4.0	1.0	2	J
13	278	8.1	10	J	4.4	48	325	2.1	-1.9	2.5	2	J
14					4.5	50	285	0.7	-3.4	2.7	1	J
15	272	8.4	6	J	4.7	29	312	2.6	-3.4	1.4	1	J
16	266	8.4	12	J	4.9	3	315	3.3	-3.2	-0.7	1	J
17	262	8.4	13	J	4.9	-28	322	3.3	-1.7	-3.0	1	J
18	267	8.6	11	J	4.8	-15	301	2.2	-3.0	-2.5	2	J
19	267	8.6	11	J	4.9	-31	295	1.7	-2.3	-3.8	1	J
20	263	8.9	16	J	4.9	-15	306	2.6	-2.6	-2.7	2	J
21	264	9.7	17	J	4.7	-4	316	3.2	-2.5	-1.8	2	J
22	270	10.3	11	J	4.8	-20	289	1.3	-2.5	-3.3	2	J
23	270	10.3	11	J	4.9	-34	284	1.0	-1.8	-4.3	1	J
24	270	10.7	11	J	4.7	-8	292	1.3	-2.5	-2.2	3	J

FEB. 19, 1991 (050)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	271	12.2	9	J	4.3	28	301	1.8	-3.5	0.0	2	J
2	269	13.3	9	J	3.9	31	316	2.2	-2.8	0.5	2	J
3	263	13.6	12	J	4.1	31	343	3.3	-1.9	1.4	1	J
4	262	13.8	11	J	4.2	30	337	3.3	-2.1	1.3	1	J
5	265	15.0	12	J	4.3	-13	310	2.4	-2.3	-1.9	2	J
6	269	16.1	9	J	4.5	-10	289	1.4	-3.6	-2.0	1	J
7	261	16.8	13	J	4.7	-3	310	2.8	-3.2	-1.1	2	J
8	265	17.0	10	J	5.1	20	305	2.6	-4.0	0.8	2	J
9	270	16.5	7	J	5.8	27	293	2.0	-5.2	1.7	1	J
10												
11	268	21.9	9	J	3.8	29	308	1.6	-2.3	1.1	3	J
12					8.3	-36	256	-1.6	-5.6	-5.9	0	J
13												
14	306	11.1	32	J	7.0	-12	145	-5.0	3.7	-0.5	3	J
15					8.9	-17	161	-7.8	3.2	-1.8	2	J
16	328	10.2	46	J	9.2	-55	187	-5.0	1.5	-7.1	3	J
17	337	11.3	27	J	8.9	-56	235	-2.8	-1.3	-8.1	2	J
18	320	10.5	51	J	9.2	-50	193	-5.2	1.4	-6.3	4	J
19	316	9.7	67	J	9.8	-48	154	-5.7	5.6	-5.2	3	J
20	314	10.2	64	J	10.1	-49	160	-6.0	5.4	-5.5	3	J
21	306	9.6	49	J	10.4	-33	133	-5.9	8.3	-1.7	2	J
22	306	9.9	39	J	10.2	-17	122	-5.1	8.5	1.8	2	J
23	316	10.8	25	J	10.4	16	92	-0.3	6.4	7.2	4	J
24												

FEB. 20, 1991 (051)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	309	13.1	25	J	9.9	60	109	-1.5	-0.5	9.3	3	J
2	312	11.3	28	J	10.1	65	87	0.2	-0.9	9.3	4	J
3	315	12.1	25	J	9.8	41	80	1.3	3.4	9.0	2	J
4	320	13.0	26	J	9.2	35	73	2.2	4.2	7.8	1	J
5	322	13.4	29	J	9.2	33	87	0.4	4.7	6.6	4	J
6	308	11.5	33	J	9.6	-23	118	-3.9	8.1	-0.9	3	J
7	297	10.8	34	J	10.0	-22	131	-6.1	7.8	-1.7	1	J
8												
9												
10												
11												
12												
13	312	15.6	15	J	10.7	-10	131	-6.9	8.2	-0.4	1	J
14	312	17.6	10	J	10.6	-14	132	-6.9	8.0	-0.9	1	J
15	309	19.9	9	J	11.0	-19	134	-7.2	8.1	-1.6	1	J
16	307	20.0	11	J								
17	311	28.5	17	J	12.1	-45	133	-5.7	8.6	-5.8	2	J
18	311	39.4	9	J	10.6	-57	132	-3.8	7.4	-6.4	1	J
19	308	40.7	11	J	10.4	-51	142	-5.0	6.9	-5.4	3	J
20	313	30.3	10	J	13.6	-35	133	-7.4	10.6	-2.9	3	J
21	312	26.2	9	J	14.0	-24	124	-7.0	11.9	0.5	2	J
22	310	25.2	9	J	13.4	-35	132	-7.2	10.8	-2.2	2	J
23	314	30.5	7	J	12.0	-25	136	-7.1	8.3	-0.2	5	J
24	318	28.4	6	J	12.7	-26	135	-8.1	9.8	-0.3	1	J

FEB. 21, 1991 (052)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	323	33.7	8	J	12.0	-17	137	-7.8	7.9	1.1	5	J
2	330	36.7	9	J	14.2	4	135	-10.0	8.1	5.9	1	J
3	334	35.5	10	J	12.8	1	137	-9.4	7.6	4.3	1	J
4	342	45.9	23	J	10.5	-20	128	-5.2	7.3	0.1	6	J
5	343	50.5	23	J	8.0	9	124	-4.3	5.4	3.5	3	J
6	337	44.9	16	J	10.1	-4	113	-3.8	8.7	2.3	3	J
7	337	30.0	10	J	12.7	-6	124	-7.0	10.3	1.6	2	J
8	336	29.3	10	J	12.7	-9	126	-7.3	10.2	0.5	1	J
9												
10												
11												
12												
13	358	12.9	59	J	13.7	-2	125	-7.7	10.9	1.6	2	J
14	343	12.9	54	J	12.8	1	144	-10.1	7.1	1.8	3	J
15	333	12.9	65	J	11.6	-4	158	-10.6	4.4	0.3	2	J
16	340	13.0	72	J	12.2	-8	140	-8.9	7.6	0.7	4	J
17	357	12.0	71	J	12.7	7	118	-5.5	9.3	5.0	5	J
18	378	7.3	76	J	13.5	7	131	-8.4	8.3	5.2	4	J
19	381	5.6	150	J	13.4	-15	142	-9.1	7.8	0.3	6	J
20	365	5.8	124	J	13.9	-20	129	-8.0	10.9	0.7	3	J
21	385	5.4	85	J	13.7	10	148	-10.8	4.7	5.4	5	J
22	388	5.8	76	J	13.3	15	140	-9.6	5.1	7.1	3	J
23	377	5.9	51	J	12.9	19	146	-10.0	3.4	7.2	2	J
24	376	6.8	83	J	11.5	15	148	-8.8	3.1	5.3	4	J

FEB. 22, 1991 (053)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	411	7.5	180	J	10.2	-33	134	-4.8	6.6	-1.2	6	J
2	392	8.1	99	J	10.6	10	148	-8.6	3.7	4.3	3	J
3	399	7.9	74	J	11.3	19	140	-8.0	4.2	6.4	2	J
4	402	7.6	76	J	10.8	21	143	-7.6	3.6	5.8	3	J
5	413	8.0	125	J	10.5	17	138	-6.5	4.4	4.7	5	J
6	462	10.4	166	J	11.6	-39	115	-2.9	7.8	-3.2	8	J
7	446	10.5	172	J	13.8	-4	132	-7.6	8.3	1.6	8	J
8	449	10.2	159	J	14.4	-16	120	-6.7	12.2	-1.0	3	J
9												
10												
11												
12												
13	432	10.9	100	J	12.5	34	145	-7.3	3.9	6.8	6	J
14	428	9.9	61	J	12.7	30	150	-9.2	3.9	7.2	3	J
15	448	11.3	60	J	12.1	40	128	-5.4	4.8	8.8	4	J
16	439	11.4	73	J	12.0	39	137	-6.3	3.5	8.4	5	J
17	426	12.0	77	J	12.0	20	139	-7.3	4.7	5.5	6	J
18	422	9.1	58	J	11.0	-1	129	-6.4	7.3	2.9	4	J
19	415	7.0	32	J	11.0	18	143	-8.2	4.1	5.7	2	J
20	416	7.5	26	J	11.2	-15	128	-6.5	8.6	1.5	2	J
21	427	8.6	69	J	10.3	-16	120	-4.8	8.5	1.9	3	J
22	430	7.8	61	J	10.1	-59	147	-4.3	6.9	-5.7	2	J
23	432	9.5	114	J	8.8	-5	133	-4.8	4.6	2.3	5	J
24	419	8.2	71	J	9.4	-27	140	-5.5	5.9	-0.6	5	J

FEB. 23, 1991 (054)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	430	8.1	91	J	9.0	-8	126	-4.3	5.6	2.3	5	J
2	426	8.6	121	J	8.0	0	136	-5.0	4.1	2.4	4	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	504	3.3	111	J	9.6	-4	130	-5.4	6.4	1.1	5	J
16	546	3.3	121	J	9.3	-6	125	-4.7	6.6	1.2	4	J
17	546	5.6	186	J	8.0	-50	101	-0.7	4.7	-2.7	6	J
18	526	5.6	135	J	8.2	17	118	-2.7	4.0	3.7	6	J
19	493	5.6	105	J	8.5	3	126	-4.3	5.2	3.0	4	J
20	529	5.4	150	J	7.5	-22	108	-1.7	5.7	0.6	5	J
21	533	5.4	148	J	7.5	-42	98	-0.5	5.2	-1.0	5	J
22	538	5.4	101	J	7.2	30	99	-0.9	3.0	5.7	3	J
23	503	5.7	85	J	6.4	13	136	-3.6	2.3	2.8	4	J
24	507	6.0	75	J	6.5	47	161	-3.7	-1.2	4.3	3	J

FEB. 24, 1991 (055)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	521	6.0	98	J	6.1	53	114	-1.3	0.2	5.0	3	J
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	491	1.5	14	J	8.1	21	116	-3.2	6.0	4.0	2	J
13	487	1.7	21	J	8.3	4	107	-2.4	7.5	2.1	2	J
14	480	1.7	26	J	8.4	10	106	-2.2	7.2	3.1	2	J
15	492	1.8	26	J	8.7	8	103	-1.9	7.7	3.3	2	J
16	492	1.9	31	J	8.8	3	102	-1.8	7.9	3.0	2	J
17	483	2.0	51	J	8.9	0	109	-2.8	7.6	2.9	2	J
18	508	2.0	38	J	8.8	-53	90	0.0	7.3	-4.1	3	J
19	457	2.6	90	J	7.8	-12	113	-2.3	5.3	1.3	5	J
20	503	3.3	143	J	6.9	-36	112	-1.9	5.8	-0.9	3	J
21	484	3.5	159	J	6.4	24	152	-4.5	0.9	3.2	3	J
22	510	3.5	168	J	7.1	7	124	-2.9	3.3	2.9	5	J
23	519	2.7	145	J	6.9	-22	93	-0.3	5.7	1.1	4	J
24	535	2.7	184	J	7.0	-35	82	0.7	6.3	-0.2	3	J

91-02-25 - 91-03-08

FEB. 25, 1991 (056)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	531	2.7	148	J	6.6	-6	93	-0.3	4.8	2.4	4	J
2	518	2.8	129	J	6.5	27	115	-2.0	2.4	4.2	4	J
3	510	2.7	110	J	6.3	43	130	-2.6	0.9	4.9	3	J
4	502	2.4	92	J	6.0	46	139	-3.1	0.6	5.0	1	J
5												
6												
7												
8												
9												
10												
11												
12	470	3.6	74	J	5.8	-20	132	-2.6	3.1	-0.9	4	J
13	474	3.8	76	J	5.8	-22	122	-2.5	4.2	-1.1	3	J
14	474	3.9	71	J	6.7	-32	126	-3.0	4.8	-2.2	3	J
15												
16	497	3.4	85	J	6.1	-68	103	-0.5	3.5	-4.3	2	J
17	461	3.6	70	J	6.0	9	143	-4.2	2.6	1.9	3	J
18					5.9	1	155	-5.0	2.1	1.0	2	J
19												
20												
21												
22												
23												
24												

MAR. 2, 1991 (061)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13					7.4	8	290	1.9	-5.2	-0.3	5	J
14					7.4	-3	293	2.5	-5.6	-1.7	3	J
15					7.2	2	297	2.8	-5.4	-1.3	3	J
16					7.0	3	287	1.5	-4.9	-1.4	4	J
17												
18												
19												
20												
21												
22												
23												
24												

MAR. 3, 1991 (062)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4					5.2	-5	341	4.2	-1.1	-1.0	2	J
5					5.4	8	3	5.2	0.0	0.8	1	J
6					5.8	7	12	5.4	0.8	1.0	2	J
7					5.5	13	356	5.1	-0.7	1.0	2	J
8					5.6	-25	281	0.9	-3.8	-3.3	2	J
9												
10												
11												
12												
13												
14												
15					5.5	-22	17	4.8	2.0	-1.5	1	J
16					5.3	19	305	2.4	-3.8	0.3	3	J
17					5.5	30	307	2.6	-4.1	1.1	2	J
18					5.2	17	320	2.9	-2.7	0.0	4	J
19					5.2	-32	342	4.2	0.1	-3.1	1	J
20												
21												
22												
23												
24												

MAR. 4, 1991 (063)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12					5.4	-15	296	2.1	-4.0	-2.1	2	J
13	340	4.5	22	J	5.5	14	305	2.7	-4.1	0.3	3	J
14	326	4.9	24	J	5.6	22	322	3.9	-3.5	1.2	1	J
15	332	6.8	40	J	5.2	4	318	3.1	-2.8	-0.5	3	J
16	350	5.5	20	J	5.5	53	302	1.6	-3.7	3.0	2	J
17	392	10.6	37	J	8.9	50	274	0.4	-7.4	4.0	4	J
18	400	12.9	36	J	10.7	51	263	-0.8	-9.3	4.6	2	J
19	393	14.0	53	J	9.9	19	274	0.4	-6.7	-1.0	7	J
20	395	15.8	59	J	9.6	50	279	0.7	-6.4	2.4	7	J
21	382	13.7	87	J	8.9	-3	299	3.5	-5.2	-3.7	5	J
22	391	13.7	87	J	7.0	-19	270	0.0	-3.2	-4.2	5	J
23	390	13.9	74	J	7.7	21	253	-1.8	-6.2	-1.4	4	J
24	385	13.4	81	J	7.1	-12	265	-0.6	-4.6	-4.8	2	J

MAR. 5, 1991 (064)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	355	17.3	98	J	11.6	-17	318	8.2	-6.5	-4.9	1	J
14												
15	382	14.7	43	J	13.0	-58	274	0.4	-3.2	-11.5	5	J
16	396	7.4	110	J	13.0	46	322	4.9	-5.7	4.8	10	J
17	446	3.0	214	J	12.3	41	332	7.5	-6.5	5.4	5	J
18	489	2.8	167	J	12.1	36	314	6.6	-9.1	3.4	3	J
19	512	2.8	223	J	11.4	26	300	3.7	-7.4	0.2	8	J
20	476	2.7	153	J	11.9	19	307	6.5	-9.4	-1.1	3	J
21	469	3.1	184	J	11.3	14	306	6.0	-8.4	-2.3	4	J
22	452	3.0	127	J	10.8	11	320	7.5	-6.3	-1.9	4	J
23	456	3.5	190	J	10.6	5	307	6.1	-7.1	-3.8	3	J
24	462	3.7	177	J	10.3	5	313	6.4	-6.1	-3.2	4	J

MAR. 6, 1991 (065)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					10.3	1	322	7.6	-5.1	-3.1	3	J
2	461	3.4	73	J	10.0	-1	329	8.6	-4.3	-2.9	1	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	385	7.7	105	J	8.9	-6	327	7.3	-4.4	-1.9	2	J
14	390	6.9	74	J	8.9	14	326	6.8	-4.9	0.9	3	J
15	408	9.9	25	J	8.5	16	321	6.1	-5.3	0.8	3	J
16	408	14.5	13	J	7.7	-41	301	2.8	-2.9	-6.1	2	J
17	436	14.5	40	J	8.3	-14	305	4.5	-5.2	-4.2	2	J
18	438	12.5	64	J	8.9	-6	315	5.9	-5.0	-3.3	3	J
19	440	12.8	69	J	8.5	0	311	5.3	-5.4	-2.8	3	J
20	456	13.7	70	J	7.4	-10	299	3.3	-4.5	-4.0	3	J
21	461	12.2	87	J	5.7	-43	288	1.1	-1.1	-4.7	3	J
22	473	10.2	89	J	7.0	37	353	4.8	-2.5	2.7	4	J
23	479	11.3	63	J	5.4	-35	154	-3.3	2.8	-1.2	3	J
24	484	10.3	72	J	6.5	-38	155	-4.1	3.5	-1.8	3	J

MAR. 7, 1991 (066)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	486	11.9	83	J	5.9	-30	142	-1.7	1.8	-0.3	6	J
2	490	12.5	78	J	5.4	-26	141	-3.0	3.1	-0.3	3	J
3	495	11.0	102	J	4.1	-17	191	-3.2	0.0	-1.2	2	J
4	499	10.2	106	J	4.8	-5	183	-4.6	0.0	-0.5	2	J
5	508	9.9	87	J	5.7	-12	185	-5.5	0.0	-1.3	1	J
6	501	11.3	90	J	5.3	4	201	-4.7	-1.8	-0.3	2	J
7	498	13.0	55	J	5.0	0	201	-4.7	-1.7	-0.6	1	J
8												
9												
10												
11												
12	452	14.0	55	J	5.7	-49	217	-2.6	-1.2	-4.1	3	J
13	464	14.6	39	J	6.5	-40	172	-4.4	1.4	-3.5	3	J
14	458	15.0	44	J	6.9	-4	143	-5.2	3.9	0.5	3	J
15	482	14.9	41	J	7.1	-10	152	-6.0	3.4	-0.2	2	J
16	498	15.1	49	J	6.7	-8	144	-5.4	4.0	0.4	1	J
17	447	17.1	55	J	6.5	-25	288	1.7	-4.0	-4.4	2	J
18	471	18.4	79	J	6.1	-33	139	-2.1	2.4	-0.9	5	J
19	504	12.3	81	J	5.6	-76	152	-1.0	2.7	-3.9	4	J
20	485	20.8	76	J	6.8	-5	79	0.5	2.5	1.2	6	J
21	490	21.1	31	J	8.6	-74	175	-2.1	4.1	-6.2	4	J
22	497	6.1	205	J	8.6	11	290	2.3	-6.0	-2.4	5	J
23	477	4.6	181	J	8.6	27	280	1.3	-8.0	-1.0	3	J
24	474	6.7	108	J	10.3	42	297	3.4	-9.3	1.8	2	J

MAR. 8, 1991 (067)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	465	11.3	99	J	9.0	19	288	2.3	-7.3	-1.8	4	J
2	463	12.4	92	J	8.2	-19	285	1.5	-3.8	-4.8	5	J
3												
4												
5												
6												
7												
8												
9												
10												
11	519	3.6	143	J	5.6	-17	28	4.4	2.6	-1.0	2	J
12					7.0	39	21	4.9	1.0	4.5	2	J
13	474	2.9	43	J	6.9	49	19	4.1	0.3	5.2	2	J
14	489	7.3	34	J	5.6	81	149	-0.6	-0.7	4.2	4	J
15	503	2.9	58	J	6.8	36	340	4.5	-2.6	2.9	4	J
16	550	2.8	139	J	6.6	-33	312	3.4	-2.5	-4.4	3	J
17	514	3.4	126	J	7.5	-15	325	5.6	-3.0	-3.2	2	J
18	508	4.2	122	J	8.4	-6	319	6.2	-4.5	-3.0	2	J
19	501	5.0	211	J	9.2	3	319	6.9	-5.6	-2.4	1	J
20	518	6.7	245	J	9.2	39	320	4.2	-5.2	2.0	6	J
21	462	8.6	240	J	8.0	35	314	4.1	-5.8	1.2	3	J
22	458	9.9	241	J	7.5	2	311	4.7	-4.7	-2.8	2	J
23	444	11.8	190	J	7.1	-6	306	4.1	-4.2	-3.8	2	J
24	430	12.5	180	J	7.4	-11	295	2.9	-4.4	-4.7	2	J

91-03-09 - 91-03-20

MAR. 9, 1991 (068)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2	407	12.6	55	J	10.7	-24	291	3.2	-5.0	-7.8	4	J
3	403	10.7	75	J	10.9	-13	302	5.4	-6.3	-6.3	3	J
4												
5												
6												
7												
8												
9												
10												
11	455	9.4	200	J	7.9	15	314	4.6	-5.0	0.8	4	J
12	467	9.1	197	J	8.1	44	3	5.3	-0.8	5.1	3	J
13	482	8.7	179	J	8.9	-2	286	1.9	-6.5	-1.7	6	J
14	479	8.1	178	J	8.4	-20	325	4.3	-2.4	-2.6	6	J
15	459	7.7	120	J	8.5	7	328	6.6	-4.3	-0.3	3	J
16	469	7.3	108	J	8.4	29	322	5.0	-4.9	2.0	4	J
17	455	6.7	59	J	8.3	25	339	6.9	-3.7	2.2	2	J
18	466	7.2	110	J	7.9	32	330	5.1	-4.3	2.1	3	J
19	459	6.8	87	J	7.3	1	334	5.6	-2.5	-1.2	4	J
20	486	7.2	90	J	6.8	-7	340	4.9	-1.2	-1.5	4	J
21	450	6.9	88	J	6.7	-2	11	5.7	1.0	0.4	3	J
22	452	6.7	76	J	7.1	7	14	6.3	0.9	1.5	2	J
23	452	6.4	49	J								
24	568	15.3	288	J								

MAR. 10, 1991 (069)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	564	14.6	283	J								
2	552	14.4	239	J								
3	549	13.7	172	J								
4	555	15.4	195	J								
5	534	13.7	183	J								
6	510	12.2	147	J								
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

MAR. 15, 1991 (074)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7					9.7	24	119	-3.9	5.5	5.5	4	J
8					9.1	14	123	-4.5	6.1	3.9	3	J
9					8.9	6	132	-5.5	5.7	2.3	3	J
10					9.3	22	130	-5.3	5.4	4.6	2	J
11					8.7	-31	154	-6.3	3.9	-3.5	3	J
12					8.9	-22	145	-5.9	4.7	-2.0	4	J
13					9.8	6	124	-4.7	6.5	2.4	4	J
14					9.1	-3	138	-5.9	5.2	0.9	4	J
15					8.5	-30	163	-6.7	3.1	-3.3	2	J
16					8.3	-25	164	-7.0	3.0	-2.5	2	J
17					7.7	4	161	-7.1	2.1	1.4	2	J
18					8.0	10	174	-7.2	0.1	1.5	3	J
19					8.2	2	171	-7.9	1.0	0.8	2	J
20					8.3	22	157	-6.9	1.0	4.1	2	J
21					9.1	23	149	-6.9	1.6	5.1	2	J
22					9.0	17	142	-6.6	2.8	5.0	1	J
23												
24												

MAR. 16, 1991 (075)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11					7.6	-12	172	-7.3	1.3	-1.3	1	J
12					7.6	24	143	-5.1	3.2	3.6	3	J
13					7.5	19	148	-5.7	2.9	3.1	2	J
14					7.1	-2	164	-5.6	1.6	0.2	4	J
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

MAR. 17, 1991 (076)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	411	7.5	30	J	7.3	74	7	1.8	-1.2	6.2	3	J
14	404	10.3	25	J	6.8	36	311	3.5	-4.9	2.7	2	J
15	397	13.0	37	J	5.0	21	295	1.7	-3.9	0.4	3	J
16	404	14.5	50	J	2.8	-3	217	-0.8	-0.5	-0.3	3	J
17	405	14.7	42	J	2.7	8	116	-1.0	1.8	1.1	1	J
18	414	16.8	24	J	2.8	37	284	0.2	-1.2	0.2	3	J
19	414	17.0	26	J	2.6	-67	239	-0.4	0.3	-1.9	2	J
20												
21	404	15.8	73	J	4.7	-3	313	1.1	-0.9	-0.7	5	J
22	416	10.7	75	J	9.2	-57	264	-0.1	0.1	-2.4	9	J
23	387	5.8	39	J	10.1	14	315	6.7	-6.8	-1.9	3	J
24	400	6.0	40	J	9.8	-11	297	4.2	-5.7	-6.2	3	J

MAR. 18, 1991 (077)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2	370	5.2	56	J	9.5	-10	308	5.2	-4.8	-4.8	4	J
3	376	5.1	35	J	9.9	-9	318	6.2	-4.2	-4.0	5	J
4	360	4.6	25	J	9.9	-11	313	6.2	-5.1	-4.6	3	J
5												
6	375	6.5	51	J	8.5	24	331	6.3	-4.4	1.7	3	J
7	368	6.3	35	J	8.3	-4	325	6.4	-4.1	-1.9	3	J
8	387	5.7	35	J	8.1	39	322	4.2	-4.4	3.3	4	J
9												
10												
11												
12												
13	338	3.9	21	J	6.4	-10	356	6.0	-0.2	-1.1	2	J
14					6.5	-17	346	5.8	-0.9	-2.2	2	J
15					5.8	5	352	5.5	-0.9	0.2	1	J
16					6.5	5	9	6.1	0.7	0.8	2	J
17					7.4	-6	23	6.7	2.9	0.4	1	J
18					7.3	-12	20	6.7	2.9	-0.3	1	J
19					7.4	8	24	6.4	2.0	2.2	2	J
20	335	4.8	14	J	7.2	8	12	6.8	0.7	1.6	2	J
21	335	4.9	17	J	6.9	10	24	5.8	1.6	2.4	2	J
22	331	4.9	17	J	6.6	1	6	6.0	0.5	0.4	3	J
23	326	4.2	12	J	6.6	9	9	6.2	0.2	1.4	2	J
24	329	4.5	15	J	6.7	14	3	5.9	-0.6	1.4	3	J

MAR. 19, 1991 (078)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	326	4.6	16	J	6.5	20	347	5.8	-2.3	1.1	2	J
2	329	4.2	10	J	6.5	19	8	5.6	-0.4	2.1	3	J
3												
4												
5												
6												
7												
8												
9												
10												
11	327	4.7	20	J	5.7	13	330	4.7	-2.9	0.7	1	J
12					5.4	-25	340	4.2	-1.0	-2.3	2	J
13	335	4.7	19	J	5.5	-44	346	3.1	-0.1	-3.2	3	J
14	343	5.6	22	J	5.6	-52	309	1.9	-1.3	-4.2	3	J
15	379	9.4	41	J	9.0	-35	317	3.1	-1.9	-3.6	7	J
16					8.9	-34	272	0.1	-2.0	-2.7	8	J
17	373	8.9	50	J	8.7	0	298	3.9	-6.8	-2.8	3	J
18	365	9.1	76	J	7.8	-49	313	2.3	-0.6	-4.6	6	J
19	383	9.0	45	J	8.5	-31	289	2.1	-3.5	-6.2	4	J
20	382	9.2	26	J	8.9	-31	275	0.6	-4.0	-7.6	2	J
21	378	9.3	35	J	8.7	-13	287	2.4	-5.5	-5.8	3	J
22	367	8.7	36	J	8.4	-16	287	2.3	-5.0	-6.1	2	J
23	336	7.4	27	J	7.9	11	332	5.9	-3.3	-0.7	4	J
24	341	7.2	34	J	7.5	4	324	5.2	-3.3	-1.8	4	J

MAR. 20, 1991 (079)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	346	6.5	35	J	7.7	6	310	4.5	-4.9	-2.4	3	J
2	336	6.0	25	J	8.2	23	314	5.0	-6.0	-0.2	3	J
3	371	8.6	38	J	8.7	35	309	3.8	-6.2	1.3	5	J
4	402	14.4	58	J	10.7	38	315	5.2	-7.2	2.7	6	J
5	411	19.4	80	J	9.1	-4	293	2.6	-5.4	-3.0	7	J
6	409	17.1	63	J	9.4	-33	276	0.4	-2.7	-3.8	8	J
7	417	11.0	25	J	12.2	2	264	-1.3	-11.5	-3.4	2	J
8	412	11.3	26	J	11.8	0	269	-0.2	-10.7	-3.0	4	J
9	411	12.1	40	J	10.8	-6	261	-1.5	-8.9	-3.2	5	J
10	424	12.5	57	J	10.6	-11	248	-3.5	-8.0	-3.6	5	J
11	392	10.1	39	J	11.2	7	282	2.2	-10.6	-0.9	2	J
12	392	9.9	37	J	11.2	17	286	2.8	-10.2	1.0	4	J
13	392	12.3	43	J	10.0	16	293	3.6	-8.8	0.6	3	J
14					9.1	21	300	4.0	-7.4	1.2	3	J
15	383	17.3	12	J	9.0	20	328	7.0	-5.1	1.6	2	J
16	385	22.0	151	J	9.7	20	331	7.8	-5.2	1.6	2	J
17	370	15.8	23	J	10.1	21	330	8.0	-5.6	1.5	2	J
18					10.4	23	336	7.6	-4.6	1.7	5	J
19					9.5	17	323	7.0	-5.9	-0.2	3	J
20	365	18.8	22	J	8.8	47	345	5.7	-4.5	4.6	2	J
21	355	14.9	20	J	8.5	78	24	1.6	-3.9	7.3	2	J
22	350	15.0	18	J	8.1	53	331	4.2	-5.5	3.9	2	J
23	370	8.1	40	J	8.7	39	333	6.0	-5.6	2.7	1	J
24					9.1	41	324	5.6	-6.7	2.6	1	J

91-03-21 - 91-04-03

MAR. 21, 1991 (080)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					9.0	40	329	5.9	-6.2	2.8	1	J
2	350	7.5	35	J	8.9	50	317	4.1	-6.9	3.7	2	J
3	340	9.8	36	J	8.8	55	295	2.1	-7.6	4.0	1	J
4												
5												
6												
7												
8												
9												
10	387	57.1	36	J	17.9	61	26	7.7	0.3	15.9	3	J
11					15.3	68	1	5.6	-2.8	13.6	3	J
12					12.9	-73	231	-0.8	-0.1	-4.3	12	J
13	380	38.7	77	J	16.0	-54	295	3.9	-5.2	-14.2	4	J
14	398	37.6	80	J	15.1	-2	90	0.0	1.6	0.4	15	J
15	414	39.6	101	J	17.0	20	102	-3.3	13.0	9.9	3	J
16					21.5	17	108	-6.3	16.2	12.4	2	J
17												
18					18.9	15	110	-6.1	13.1	11.6	4	J
19												
20												
21												
22												
23												
24												

MAR. 28, 1991 (087)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19					8.5	4	331	6.1	-3.2	-1.2	4	J
20					8.5	10	350	7.1	-1.7	0.4	3	J
21					8.1	12	1	7.4	-0.7	1.4	2	J
22												
23												
24												

MAR. 29, 1991 (088)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13					6.6	17	9	6.1	0.5	2.1	1	J
14					6.7	13	4	6.1	0.1	1.5	2	J
15					6.7	17	20	5.8	1.5	2.4	2	J
16					6.8	9	7	6.5	0.4	1.2	1	J
17					6.7	13	360	6.0	-0.5	1.3	3	J
18					6.9	17	355	6.5	-1.4	1.6	1	J
19					7.1	2	10	6.9	1.0	0.8	1	J
20					6.8	9	359	6.6	-0.6	0.8	1	J
21					6.0	-1	343	5.5	-1.3	-1.0	1	J
22												
23												
24												

MAR. 30, 1991 (089)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13					8.9	25	330	6.3	-4.3	2.5	4	J
14					8.4	-4	321	5.8	-4.4	-1.7	4	J
15					8.0	-46	295	2.2	-2.9	-6.4	3	J
16					8.6	-16	320	6.3	-4.2	-4.0	2	J
17					8.7	-39	325	5.4	-1.5	-6.4	2	J
18					8.7	-33	314	5.1	-2.7	-6.5	1	J
19												
20												
21												
22												
23												
24												

MAR. 31, 1991 (090)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11					9.3	23	322	6.6	-5.8	2.5	2	J
12					9.3	49	338	5.6	-3.6	6.3	2	J
13	442	1.5	14	J	9.4	40	349	7.0	-2.6	5.5	2	J
14					9.6	38	347	7.3	-3.1	5.3	1	J
15	485	2.1	40	J	9.7	53	352	5.7	-2.9	7.0	2	J
16	471	1.5	27	J	9.8	54	0	5.5	-2.5	7.2	3	J
17					10.2	60	7	5.0	-2.8	8.3	1	J
18	484	1.2	64	J	10.3	62	9	4.7	-3.2	8.5	2	J
19	498	1.4	42	J	10.0	61	359	4.8	-4.1	7.5	2	J
20	480	1.8	90	J	9.7	58	347	4.8	-5.0	6.2	3	J
21	488	1.4	113	J	9.6	56	355	5.2	-4.6	6.3	2	J
22	492	3.6	192	J	7.9	29	328	5.3	-4.7	1.0	4	J
23					6.9	46	314	2.8	-4.7	1.8	4	J
24												

APR. 1, 1991 (091)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	534	4.2	143	J	9.8	9	314	5.8	-6.1	0.0	5	J
11	534	4.0	114	J	9.9	-8	310	5.6	-6.3	-2.5	4	J
12	540	4.0	144	J	9.6	-23	314	4.9	-4.4	-4.0	6	J
13	553	4.8	166	J	9.1	-39	308	3.7	-3.6	-5.8	5	J
14	558	4.9	116	J	9.2	-5	295	3.4	-6.8	-2.4	5	J
15	541	4.6	96	J	9.4	19	297	3.9	-8.3	0.7	2	J
16	513	4.5	64	J	9.2	15	327	7.1	-5.1	0.6	3	J
17	472	4.5	42	J	9.3	-11	342	8.0	-1.8	-2.5	3	J
18	451	6.0	50	J	8.1	23	342	6.4	-3.1	1.7	3	J
19	466	7.0	83	J	7.8	53	345	4.4	-3.9	4.8	2	J
20	477	7.1	80	J	7.6	52	317	3.2	-5.5	3.3	2	J
21	463	6.0	69	J	6.9	-13	321	3.7	-1.9	-2.5	5	J
22	470	6.4	94	J	6.9	-43	317	2.9	-0.2	-4.6	4	J
23	463	5.7	66	J	7.0	-39	324	4.2	-0.1	-5.2	2	J
24	461	5.8	70	J	7.1	-48	8	4.4	3.3	-3.8	2	J

APR. 2, 1991 (092)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	458	5.7	79	J	6.9	-19	351	5.5	0.3	-2.1	4	J
2	438	5.7	65	J	7.1	-11	8	6.8	1.5	-0.6	1	J
3												
4												
5												
6												
7												
8												
9												
10	499	6.2	119	J	7.9	-36	295	2.1	-3.6	-4.4	5	J
11	473	6.0	91	J	8.6	1	316	5.8	-5.5	-1.0	3	J
12	508	5.3	160	J	6.6	20	300	2.1	-3.8	0.8	5	J
13	528	5.4	111	J	8.7	51	36	3.5	1.3	5.7	6	J
14	527	3.5	102	J	9.6	19	334	5.6	-3.2	1.4	7	J
15	514	3.6	150	J	9.9	14	317	6.9	-6.8	0.4	2	J
16	535	3.5	126	J	9.2	21	306	4.4	-6.6	0.7	5	J
17	544	5.0	233	J	8.6	26	315	4.4	-5.2	1.1	5	J
18	576	4.8	205	J	7.9	67	92	-0.1	-0.2	5.3	6	J
19	540	3.7	172	J	8.5	27	307	4.4	-6.9	0.5	2	J
20	543	4.6	240	J	7.6	20	313	4.1	-4.9	-0.4	4	J
21												
22												
23	610	7.0	366	J	8.6	66	279	0.3	-4.4	2.7	7	J
24	593	7.2	393	J	8.1	43	298	1.7	-4.5	1.0	7	J

APR. 3, 1991 (093)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	565	6.8	477	J	8.1	23	316	3.9	-4.4	-0.1	6	J
2	602	6.5	439	J	9.9	33	298	3.1	-7.2	0.6	6	J
3	570	6.1	370	J	11.2	25	317	5.8	-6.5	0.6	7	J
4	583	5.6	382	J	11.2	20	295	4.1	-9.4	-0.7	4	J
5					10.9	17	292	3.7	-9.6	-0.9	4	J
6	578	4.4	253	J	12.2	10	297	5.3	-10.4	-1.7	3	J
7	577	4.8	216	J	12.8	18	292	4.4	-11.6	0.3	3	J
8	582	5.2	132	J	13.2	7	294	5.1	-11.5	-1.5	4	J
9	598	12.2	57	J	11.8	-68	330	2.5	0.2	-7.4	9	J
10	623	7.5	221	J	12.6	-10	279	1.7	-10.1	-4.1	6	J
11	643	6.0	332	J	11.8	-25	288	3.0	-8.2	-6.2	5	J
12	666	7.3	303	J	9.9	-10	309	5.2	-6.0	-2.7	5	J
13	658	7.8	283	J	8.9	-13	340	7.2	-2.2	-2.3	4	J
14	644	8.5	290	J	9.0	3	341	7.8	-2.7	-0.2	4	J
15	634	6.8	197	J	8.9	2	324	6.2	-4.4	-1.0	4	J
16	638	6.7	194	J	8.4	18	326	5.4	-4.1	0.8	5	J
17	636	6.7	179	J	8.0	27	359	5.6	-1.2	2.6	5	J
18	632	6.4	165	J	7.7	-14	14	6.2	2.1	-0.8	4	J
19	635	6.8	157	J								
20	661	7.2	248	J	7.3	39	3	4.9	-1.8	3.5	4	J
21	622	4.5	85	J	8.1	-20	345	6.4	-0.2	-3.0	4	J
22	617	4.4	69	J	8.7	-21	7	7.3	2.3	-1.9	3	J
23	610	4.2	71	J	8.6	-4	358	7.7	0.1	-0.6	3	J
24	616	4.3	84	J								

91-04-04 - 91-04-15

APR. 4, 1991 (094)

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	597	4.0	348	J								
2	638	5.0	113	J								
3												
4	660	5.9	150	J								
5	566	9.2	508	J								
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

APR. 9, 1991 (099)

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11	349	9.0	16	J	6.5	-41	321	3.6	-2.1	-4.5	2	J
12	355	12.7	92	J	6.3	-46	324	3.4	-1.6	-4.8	1	J
13	352	9.2	28	J	6.2	-46	316	3.0	-2.0	-4.8	1	J
14	336	6.3	17	J	6.5	-48	322	3.3	-1.4	-5.2	1	J
15	338	11.1	33	J	6.1	-46	305	2.3	-2.1	-4.9	1	J
16	338	7.7	15	J	5.8	-43	316	2.9	-1.5	-4.4	1	J
17	352	6.4	14	J	5.8	-34	302	2.2	-2.3	-4.0	3	J
18	340	7.2	15	J	5.8	-42	314	2.8	-1.1	-4.6	2	J
19	331	6.3	20	J	5.7	-47	347	3.7	1.1	-4.0	1	J
20	335	7.1	19	J	5.6	-52	336	2.9	0.9	-4.2	2	J
21	335	8.8	20	J	4.9	-51	347	2.9	1.4	-3.5	1	J
22												
23												
24												

APR. 10, 1991 (100)

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	311	19.2	27	J	6.8	25	135	-4.0	3.3	3.5	3	J
15	311	21.1	25	J	5.5	3	131	-3.3	3.6	1.3	2	J
16	307	15.5	18	J	7.1	-22	128	-3.7	5.3	-0.8	3	J
17	307	16.2	15	J	7.1	3	121	-3.6	5.4	2.5	2	J
18					7.0	-6	118	-3.2	5.8	1.9	1	J
19	307	16.7	12	J	6.9	23	125	-3.2	2.9	4.2	3	J
20	306	16.7	14	J	7.0	12	126	-3.9	3.9	3.9	2	J
21	306	18.0	15	J	7.2	15	129	-4.0	3.3	4.1	3	J
22	319	14.4	29	J	9.1	18	130	-4.6	3.4	5.0	5	J
23					10.1	29	142	-6.9	1.8	7.0	1	J
24												

APR. 11, 1991 (101)

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	326	9.2	67	J	7.4	17	166	-5.8	1.0	2.1	4	J
15	326	9.6	50	J	8.7	20	159	-6.8	1.8	3.2	4	J
16	329	8.6	34	J	9.1	1	158	-8.1	3.0	1.2	3	J
17	330	7.5	29	J	8.8	0	159	-7.9	2.8	1.1	2	J
18	328	7.5	21	J	9.1	-1	157	-8.3	3.3	1.3	1	J
19	357	10.1	143	J	7.9	20	168	-6.4	0.1	2.8	4	J
20	361	9.1	102	J	10.1	0	151	-8.7	4.2	2.4	2	J
21	360	7.8	52	J	10.1	-5	155	-8.8	3.9	1.4	3	J
22	362	7.3	29	J	10.2	-8	146	-8.2	5.4	1.8	2	J
23	361	7.5	29	J	10.2	-6	148	-8.4	5.0	2.0	2	J
24	365	8.2	37	J	10.6	6	140	-7.6	4.8	4.4	3	J

APR. 12, 1991 (102)

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	360	8.9	35	J	10.8	-1	139	-7.9	5.9	3.5	2	J
2												
3												
4												
5												
6												
7												
8												
9												
10												
11	382	8.8	132	J	10.8	22	187	-9.5	-1.8	3.6	3	J
12	388	8.9	150	J	9.9	-12	173	-8.6	1.4	-1.6	4	J
13	379	8.3	141	J	9.6	-4	180	-8.8	0.1	-0.6	4	J
14	382	8.1	135	J	9.2	-30	163	-7.1	3.1	-3.7	3	J
15	388	8.6	148	J	9.2	25	154	-5.1	1.7	3.2	7	J
16	406	7.6	132	J	9.2	40	110	-2.3	4.3	7.3	3	J
17	384	7.7	106	J	9.0	12	132	-5.5	5.1	3.8	3	J
18	410	6.8	100	J	8.5	13	92	-0.2	5.8	4.4	4	J
19	382	7.4	111	J	8.3	13	141	-6.1	3.5	3.8	2	J
20	411	6.8	102	J	7.1	4	94	-0.4	4.8	3.2	4	J
21	426	6.5	97	J	7.4	19	83	0.8	4.3	5.3	3	J
22												
23												
24												

APR. 13, 1991 (103)

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9	376	6.6	71	J	6.6	18	144	-5.0	3.1	2.7	1	J
10	416	6.1	57	J	7.5	12	65	2.8	5.7	2.5	3	J
11	417	6.4	50	J	8.2	11	49	5.2	5.6	2.5	2	J
12	408	7.6	69	J	8.8	23	61	3.4	5.5	4.0	5	J
13	403	6.3	58	J	8.1	-6	79	1.4	7.3	0.6	3	J
14	379	6.3	66	J	7.7	19	121	-2.8	4.1	2.8	5	J
15	347	7.0	80	J	7.9	20	200	-6.3	-2.8	1.8	3	J
16	358	7.5	96	J	8.1	23	142	-5.6	3.2	4.2	2	J
17	386	7.0	79	J	6.9	54	125	-1.9	0.9	5.1	4	J
18	408	7.8	88	J	6.9	31	32	4.1	1.2	3.7	4	J
19	395	7.8	61	J	7.0	13	47	4.5	3.6	3.6	2	J
20	402	7.1	50	J	6.4	10	357	6.0	-0.8	0.8	2	J
21	357	7.1	85	J	6.6	22	205	-3.9	-2.5	0.5	5	J
22	337	6.7	90	J	6.1	2	188	-4.8	-0.7	-0.2	4	J
23	351	8.3	102	J	4.0	27	292	1.1	-3.2	-0.2	2	J
24	323	6.7	68	J	5.6	36	179	-4.0	-1.5	2.5	3	J

APR. 14, 1991 (104)

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	322	6.9	25	J	8.0	51	194	-4.8	-4.2	4.6	1	J
2												
3												
4												
5												
6												
7												
8												
9	334	7.4	15	J	8.5	-11	119	-3.9	7.1	-0.1	3	J
10	341	8.1	20	J	8.3	-16	113	-3.0	7.4	-0.9	2	J
11	354	6.3	10	J	9.1	-1	94	-0.6	8.8	1.4	2	J
12	335	6.9	19	J	8.9	-6	108	-2.7	8.4	0.5	1	J
13	333	7.3	12	J	8.3	-5	118	-3.6	6.8	0.6	3	J
14	326	8.8	27	J	7.6	18	162	-6.6	1.6	2.7	2	J
15	330	9.0	18	J	7.9	0	129	-4.8	5.8	1.5	2	J
16	340	8.7	24	J	7.4	-8	119	-3.0	5.4	0.8	4	J
17	326	8.1	28	J	6.9	-10	148	-5.3	3.5	0.2	3	J
18	347	10.3	40	J	6.1	-28	132	-2.7	3.6	-0.7	4	J
19	362	11.0	37	J	5.7	-19	94	-0.3	4.2	0.6	4	J
20	357	11.0	54	J	5.6	38	126	-2.1	1.2	3.9	3	J
21	358	11.3	54	J	5.6	-51	179	-2.4	1.6	-2.5	4	J
22	366	11.1	38	J	6.1	13	100	-0.9	3.5	3.6	3	J
23	352	10.7	51	J	6.2	51	155	-3.1	-1.1	4.4	3	J
24	352	10.3	44	J	6.6	50	151	-2.8	-0.7	4.0	4	J

APR. 15, 1991 (105)

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	364	7.1	22	J	7.8	0	103	-1.6	6.1	3.7	3	J
2	359	6.3	35	J	8.1	32	126	-3.9	2.6	6.2	2	J
3	366	5.9	31	J	8.2	-11	108	-2.0	6.1	1.7	5	J
4	345	5.2	25	J	8.2	9	122	-3.6	4.7	3.3	5	J
5												
6												
7												
8												
9	334	6.4	16	J	7.4	23	141	-5.2	3.5	3.6	2	J
10	343	6.8	25	J	7.5	17	122	-3.4	5.1	2.9	3	J
11	337	6.9	24	J	7.4	37	142	-4.4	2.7	4.7	2	J
12	348	6.6	21	J	6.9	-10	113	-2.3	5.5	-0.1	3	J
13	337	6.9	15	J	6.9	21	137	-4.2	3.5	2.9	3	J
14	338	6.4	16	J	7.1	-29	134	-4.1	4.8	-2.3	2	J
15	335	6.6	15	J	6.7	15	145	-4.7	2.8	2.3	3	J
16	342	8.3	42	J	6.5	33	139	-3.9	2.2	4.2	2	J
17	343	7.9	20	J	6.8	4	101	-1.2	5.7	2.6	2	J
18	334	7.5	17	J	6.4	-23	125	-3.1	5.0	-0.3	3	J
19	329	8.4	16	J	6.5	23	153	-4.6	1.1	3.0	3	J
20	327	8.6	16	J	6.5	25	166	-5.2	-0.1	2.8	3	J
21	322	8.6	18	J	6.8	21	197	-5.7	-2.7	1.1	3	J
22	333	8.6	10	J	6.8	9	108	-2.0	4.5	4.1	2	J
23	323	8.3	21	J	6.7	17	156	-5.2	1.0	2.7	3	J
24	319	8.4	19	J	6.5	20	141	-4.5	1.9	3.7	2	J

91-04-16 - 91-04-28

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					APR. 16, 1991 (106)							
1	327	8.7	15	J	6.6	-3	115	-2.6	4.9	2.6	2	J
2	330	9.2	12	J	6.4	-4	116	-2.7	5.1	2.4	2	J
3	336	7.6	17	J	6.9	9	127	-3.9	4.1	3.2	2	J
4	344	7.1	30	J	7.5	12	130	-4.7	4.5	3.7	1	J
5	342	7.1	21	J	7.6	21	132	-4.7	3.9	4.4	1	J
6	340	7.6	17	J	7.9	19	136	-5.3	4.0	4.0	1	J
7	339	7.4	23	J	7.5	11	136	-5.3	4.5	2.8	1	J
8	336	7.2	14	J	7.2	18	142	-5.4	3.6	3.1	0	J
9												
10												
11					5.5	10	130	-3.4	3.9	1.6	2	J
12												
13					5.5	9	115	-2.0	4.2	1.6	2	J
14					5.8	11	127	-3.1	3.8	1.9	2	J
15					6.2	-19	118	-2.2	4.4	-0.5	4	J
16												
17												
18												
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					APR. 22, 1991 (112)							
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14					4.7	27	93	-0.2	3.1	2.5	2	J
15					4.8	-29	127	-2.4	3.6	-1.4	1	J
16					4.8	-51	155	-2.7	2.2	-3.2	1	J
17					4.9	-41	159	-3.2	2.1	-2.4	2	J
18					4.8	3	144	-3.4	2.2	1.2	2	J
19					5.0	-11	155	-4.4	2.2	0.0	1	J
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					APR. 23, 1991 (113)							
1												
2	372	3.8	41	J	4.2	-24	143	-3.0	2.8	-0.4	1	J
3	370	4.0	38	J	4.4	-17	156	-3.4	1.9	-0.4	2	J
4	383	4.5	35	J	4.5	25	253	-1.1	-3.9	0.2	2	J
5	372	3.9	33	J	4.7	44	168	-3.1	-0.4	3.1	2	J
6	379	4.3	36	J	4.2	11	111	-1.3	3.0	1.7	2	J
7												
8												
9												
10												
11												
12												
13												
14	408	7.6	86	J	5.1	38	108	-0.8	2.0	2.4	4	J
15	407	5.7	31	J	6.2	37	74	1.2	3.4	4.2	3	J
16	415	6.3	24	J	6.5	33	62	2.5	3.6	4.7	1	J
17												
18												
19												
20												
21												
22												
23												
24	392	10.9	69	J	5.1	-1	327	4.1	-2.2	-1.4	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					APR. 24, 1991 (114)							
1	385	12.6	52	J	3.8	-21	288	0.8	-1.7	-2.2	3	J
2	379	13.8	51	J	4.6	-16	200	-4.0	-0.7	-1.7	2	J
3	372	15.1	55	J	4.7	6	207	-4.0	-2.0	-0.5	1	J
4	370	13.8	45	J	5.5	6	163	-4.5	1.1	1.0	3	J
5	362	13.7	50	J	6.4	-16	139	-4.6	4.3	-0.3	1	J
6	357	13.6	54	J	6.8	-24	156	-5.7	3.2	-1.9	1	J
7	375	15.3	58	J	7.2	-16	205	-6.0	-2.3	-2.5	2	J
8												
9												
10												
11												
12												
13	364	3.1	59	J	7.0	31	247	-2.3	-5.8	2.6	2	J
14					7.8	26	254	-1.9	-7.1	2.1	2	J
15					8.2	31	259	-1.3	-7.6	2.5	1	J
16	368	2.4	51	J	8.1	44	262	-0.8	-6.7	3.6	3	J
17					8.2	15	258	-1.6	-7.7	-0.5	2	J
18	363	2.3	61	J	7.9	6	260	-1.3	-7.3	-2.1	1	J
19					7.8	-8	266	-0.5	-6.3	-4.2	2	J
20	354	3.4	93	J	8.1	14	264	-0.8	-7.8	-1.9	1	J
21												
22												
23												
24	521	9.4	189	J	12.9	-2	212	-10.8	-5.6	-3.8	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					APR. 25, 1991 (115)							
1	503	9.6	220	J	12.9	-1	224	-9.1	-7.5	-4.5	3	J
2	479	9.8	330	J	11.2	20	249	-3.7	-10.3	-1.2	2	J
3												
4												
5												
6												
7												
8	464	14.0	227	J	8.0	18	231	-4.7	-6.1	1.2	2	J
9	463	14.1	206	J	7.1	1	227	-4.8	-5.1	-0.7	1	J
10	467	15.6	127	J	7.9	2	225	-5.4	-5.4	-0.5	2	J
11	463	18.2	97	J	7.7	11	199	-6.0	-2.2	1.0	4	J
12	453	20.1	101	J	7.2	27	241	-2.8	-5.3	2.2	3	J
13	440	21.6	78	J	8.4	48	264	-0.5	-5.7	4.7	4	J
14	431	22.2	63	J	10.1	57	281	1.0	-6.6	7.1	3	J
15	423	19.4	69	J	11.4	76	247	-1.0	-4.8	10.0	3	J
16	435	16.6	56	J	13.5	74	207	-3.3	-5.1	12.0	2	J
17	413	16.9	69	J	13.7	89	141	-0.2	-4.3	13.0	1	J
18	421	17.0	69	J	14.8	80	209	-2.2	-6.5	12.8	3	J
19	422	17.3	81	J	15.7	80	172	-2.7	-6.2	14.1	2	J
20	425	18.7	71	J	15.8	66	197	-5.7	-7.8	11.1	6	J
21	427	16.3	129	J	16.2	69	215	-4.3	-9.5	10.5	7	J
22	432	10.2	128	J	17.2	30	81	2.1	7.4	13.3	8	J
23	431	11.3	134	J	15.8	27	96	-1.3	7.5	12.1	7	J
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					APR. 26, 1991 (116)							
1												
2												
3												
4												
5												
6												
7												
8	412	9.6	22	J	17.0	34	234	-8.2	-13.0	7.1	2	J
9	417	11.2	34	J	16.7	39	225	-9.1	-10.6	8.8	2	J
10	422	12.0	33	J	16.4	46	223	-8.3	-9.3	10.5	2	J
11	412	11.7	21	J	15.7	36	228	-8.4	-10.5	7.9	2	J
12	409	10.8	15	J	15.3	38	213	-10.0	-7.6	8.4	3	J
13	402	11.7	18	J	14.6	35	226	-8.2	-9.6	6.9	3	J
14	398	12.2	26	J	14.0	46	226	-6.4	-8.2	8.2	5	J
15	382	12.0	19	J	13.2	37	249	-3.7	-11.2	5.5	2	J
16	377	13.2	34	J	12.8	35	252	-3.2	-11.5	4.4	2	J
17	365	10.2	34	J	12.7	28	260	-1.9	-12.3	2.1	2	J
18	370	9.9	36	J	12.0	18	269	-0.2	-11.3	-0.8	4	J
19	335	6.9	49	J	12.1	0	288	3.7	-10.3	-4.8	2	J
20	327	4.4	38	J	12.0	2	297	5.4	-9.6	-4.5	2	J
21	341	4.2	44	J	12.4	-2	292	4.6	-9.7	-6.0	2	J
22	345	4.1	48	J	12.8	-9	292	4.7	-9.0	-7.5	2	J
23	370	4.4	69	J	12.9	-13	285	3.1	-8.5	-8.3	4	J
24					12.7	-17	290	4.0	-7.7	-8.6	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					APR. 27, 1991 (117)							
1	367	5.3	54	J	12.4	-19	288	3.6	-7.7	-8.8	2	J
2	358	6.4	95	J	12.3	-21	296	4.8	-6.8	-8.2	4	J
3												
4												
5												
6												
7												
8	354	10.3	48	J	11.0	15	294	4.2	-9.8	0.9	2	J
9	365	10.9	24	J	10.9	23	287	2.9	-10.0	2.7	2	J
10	354	11.3	30	J	11.2	-10	303	5.7	-8.4	-3.0	4	J
11	360	10.4	40	J	10.7	-20	295	3.9	-8.0	-4.4	4	J
12	368	9.2	41	J	11.0	-17	289	3.4	-9.3	-4.4	2	J
13	365	8.0	39	J	11.3	-9	298	4.8	-8.7	-2.9	5	J
14	365	8.1	49	J	11.7	-10	300	5.5	-9.1	-3.6	3	J
15	382	6.0	44	J	12.2	-19	293	4.4	-9.4	-6.0	2	J
16	389	5.7	75	J	12.0	1	289	3.3	-9.2	-2.3	7	J
17	383	4.9	75	J	11.9	-12	296	4.9	-8.8	-5.4	3	J
18	403	3.3	94	J	12.1	0	293	4.6	-10.1	-4.0	2	J
19					12.4	-7	299	5.9	-9.1	-5.8	2	J
20												
21												
22												
23					12.9	-1	302	6.7	-9.1	-5.6	5	J
24					11.3	-6	308	6.4	-6.6	-5.1	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					APR. 28, 1991 (118)							
1					11.3	-9	298	5.0	-7.4	-6.0	3	J
2					11.5	-16	299	4.8	-6.4	-6.4	5	J
3	404	6.0	58	J	11.4	-31	319	6.7	-3.1	-7.3	5	J
4	417	7.2	93	J	11.3	-1	294	4.3	-8.9	-3.8	4	J
5	404	7.6	90	J	11.1	15	301	5.1	-8.9	-0.3	4	J
6	402	8.3	62	J	11.4	0	304	5.8	-8.3	-2.4	5	J
7												
8												
9	424	8.0	53	J	12.3	-7	304	5.8	-8.3	-2.6	6	J
10	392	7.9	44	J	12.5	-34	321	7.7	-5.3	-7.5	3	J
11	379	7.5	35	J	12.3	-12	334	10.0	-4.6	-2.9	4	J
12	408	8.5	62	J	12.4	22	309	7.0	-9.1	3.4	3	J
13	407	8.1	52	J	13.0	-24	313	7.2	-7.0	-5.7	6	J
14	409	8.5	64	J	13.2	-36	318	7.5	-5.4	-8.3	4	J
15	422	9.2	65	J	13.0	3	305	6.1	-8.6	-1.3	8	J
16	420	11.1	80	J	14.0	-31	325	8.3	-4.0	-7.4	7	J
17	436	10.9	95	J	13.3	10	295	5.2	-11.3	-1.4	4	J
18	430	10.5	103	J	12.7	-16	317	7.6	-5.5	-5.4	7	J
19	425	11.1	135	J	13.2	-18	309	7.4	-6.8	-7.3	4	J
20	421	11.2	115	J	13.3	18	325	9.5	-7.6	0.3	5	J
21	419	10.6	89	J	13.0	12	326	9.2	-6.5	-0.9	6	J
22	446	12.2	149	J	11.7	-4	317	7.4	-5.7	-4.1	6	J
23	449	12.4	146	J	12.1	-1	317	7.5	-5.9	-3.7	6	J
24	447	13.3	146	J	12.6	-7	317	8.3	-6.1	-5.1	5	J

91-05-04 - 91-05-11

MAY. 4, 1991 (124)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14	440	7.7	68	J	5.3	-8	312	2.7	-2.9	-1.0	3	J	
15	446	6.9	61	J	4.2	0	285	0.9	-3.1	-0.6	3	J	
16	445	6.6	60	J	4.0	-47	311	1.3	-1.0	-2.4	3	J	
17	430	6.6	86	J	3.9	25	324	2.1	-1.8	0.7	3	J	
18	440	6.2	67	J	3.6	2	298	1.0	-1.8	-0.6	3	J	
19													
20													
21													
22													
23													
24													

MAY. 5, 1991 (125)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14	393	7.9	18	J	5.0	7	242	-2.3	-4.3	0.0	1	J	
15	384	7.7	21	J	4.3	10	260	-0.6	-3.5	0.0	2	J	
16	371	7.4	29	J	4.2	-17	352	3.7	-0.2	-1.2	2	J	
17	369	7.0	23	J	4.2	-3	343	3.6	-1.0	-0.5	2	J	
18	371	7.4	23	J	3.9	20	359	3.4	-0.5	1.1	2	J	
19	366	7.2	22	J	4.4	5	10	4.3	0.6	0.6	1	J	
20	363	7.5	24	J	4.5	3	2	4.5	0.0	0.3	0	J	
21													
22	372	8.6	20	J	5.2	59	58	1.3	-0.1	4.6	2	J	
23	369	8.9	22	J	4.8	2	321	3.3	-2.4	-1.1	2	J	
24	374	8.4	19	J	4.5	-12	301	1.5	-1.9	-1.7	3	J	

MAY. 6, 1991 (126)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	386	7.5	19	J	4.8	71	101	-0.3	-0.7	4.5	1	J	
2	377	7.6	25	J	3.6	19	355	1.7	-0.4	0.5	3	J	
3	372	7.2	30	J	4.0	23	315	2.4	-2.8	0.4	2	J	
4	375	7.1	22	J	4.6	35	293	1.4	-3.9	1.2	2	J	
5	368	6.8	27	J	4.9	13	310	2.9	-3.6	0.0	2	J	
6	366	6.6	24	J	4.7	-34	315	2.5	-1.8	-2.9	2	J	
7													
8													
9													
10													
11													
12	349	6.9	61	J	3.7	19	322	2.4	-1.9	0.9	2	J	
13	354	6.9	48	J	3.8	13	298	1.6	-3.0	0.5	2	J	
14	353	7.2	34	J	3.9	5	297	1.3	-2.6	-0.1	3	J	
15	354	8.0	32	J	3.8	-14	283	0.8	-3.3	-1.5	1	J	
16	352	8.2	30	J	3.9	-14	283	0.8	-3.0	-1.6	2	J	
17	345	8.3	34	J	4.2	8	296	1.6	-3.4	-0.4	2	J	
18	346	8.2	23	J	4.5	32	286	1.0	-4.1	1.0	1	J	
19	343	8.5	21	J	4.5	34	301	1.8	-3.7	1.1	1	J	
20	342	9.2	23	J	4.3	33	303	1.8	-3.4	0.8	2	J	
21	343	10.1	17	J	4.3	14	285	1.0	-3.6	-0.8	2	J	
22	346	12.0	16	J	3.5	-7	270	0.0	-2.7	-1.9	1	J	
23	351	12.5	20	J	3.8	-6	240	-1.8	-2.6	-1.9	1	J	
24	354	13.5	17	J	4.2	13	231	-2.3	-2.9	-0.6	2	J	

MAY. 7, 1991 (127)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	353	13.7	10	J	4.9	36	267	-0.2	-4.5	0.8	2	J	
2	353	15.1	8	J	5.5	71	291	0.6	-3.6	4.0	1	J	
3	349	16.5	12	J	6.3	66	327	2.1	-3.5	4.8	1	J	
4	345	16.4	14	J	5.9	56	290	1.0	-4.1	3.2	3	J	
5	341	14.6	16	J	6.1	51	283	0.8	-4.8	3.4	2	J	
6	343	17.6	12	J	4.5	-55	267	-0.1	-1.5	-3.9	2	J	
7					4.6	-67	267	-0.1	-1.0	-4.5	0	J	
8	341	18.4	8	J	5.3	31	286	1.1	-4.0	1.8	3	J	
9	343	18.4	18	J	5.8	-30	131	-3.0	3.7	-2.3	3	J	
10	354	12.4	38	J	10.4	25	118	-4.3	7.6	4.9	3	J	
11	366	7.4	29	J	12.0	37	123	-5.2	7.4	7.7	2	J	
12	367	7.4	37	J	11.9	26	124	-5.8	8.2	5.7	3	J	
13	370	7.9	30	J	11.9	21	128	-6.6	8.0	4.9	3	J	
14	380	9.3	37	J	11.4	1	117	-5.1	9.9	1.4	2	J	
15	373	9.4	28	J	11.4	6	120	-5.5	9.2	2.7	3	J	
16	374	9.6	35	J	11.4	10	122	-5.5	8.2	3.7	4	J	
17	376	9.7	35	J	11.1	23	126	-5.7	6.5	6.1	3	J	
18	372	9.6	32	J	10.7	27	132	-6.2	5.0	6.7	2	J	
19	382	9.4	38	J	10.2	27	128	-4.9	4.3	6.2	5	J	
20	371	10.0	61	J	9.3	31	137	-5.3	2.7	6.1	4	J	
21	367	9.2	41	J	9.3	35	138	-5.4	2.1	6.8	3	J	
22	389	9.6	47	J	9.2	35	122	-3.8	3.1	7.3	3	J	
23	370	9.2	41	J	9.0	17	139	-6.2	3.6	4.8	3	J	
24	363	9.8	40	J	8.6	-26	167	-7.2	3.1	-2.4	2	J	

MAY. 8, 1991 (128)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	369	9.8	50	J	8.4	-9	142	-5.8	4.5	1.0	4	J	
2	377	9.9	50	J	8.7	15	135	-5.3	4.0	4.0	4	J	
3	401	9.7	54	J	9.0	42	111	-2.0	3.0	6.7	5	J	
4	388	9.9	56	J	8.7	21	120	-3.5	4.9	4.6	4	J	
5	390	10.8	44	J	8.7	3	108	-2.5	7.3	2.6	3	J	
6	382	10.3	46	J	8.9	-49	136	-3.9	5.1	-5.2	4	J	
7	384	9.9	46	J	9.4	40	145	-5.3	2.7	6.1	4	J	
8	381	9.8	41	J	9.6	22	132	-5.5	5.6	4.2	4	J	
9	373	9.5	36	J	9.5	5	140	-6.8	5.6	1.4	3	J	
10	364	9.9	38	J	9.5	22	143	-6.9	4.9	3.9	2	J	
11	376	10.9	64	J	9.1	-33	140	-4.7	4.2	-3.7	5	J	
12	381	11.7	71	J	9.4	21	122	-4.5	7.0	3.8	2	J	
13	383	11.7	51	J	9.6	18	114	-3.4	7.5	3.4	4	J	
14	369	12.2	60	J	9.8	21	135	-5.9	5.5	3.9	4	J	
15	364	12.5	71	J	9.9	3	137	-6.5	5.9	1.4	4	J	
16	364	12.0	76	J	9.4	-26	134	-5.0	5.8	-2.3	5	J	
17	355	12.0	97	J	9.4	-15	125	-4.8	7.2	-0.3	4	J	
18	363	11.0	57	J	9.8	-53	140	-3.7	5.1	-5.1	6	J	
19	357	11.7	94	J	9.7	-17	133	-4.8	5.5	-0.1	6	J	
20	343	10.8	114	J	9.7	-24	140	-6.6	6.6	-1.2	3	J	
21	362	9.7	69	J	10.8	8	128	-6.5	6.8	5.0	2	J	
22	376	9.6	64	J	11.1	2	121	-5.2	7.5	4.3	5	J	
23					11.7	7	112	-4.0	8.2	5.8	5	J	
24	391	9.8	55	J	11.7	4	110	-3.3	7.7	4.7	7	J	

MAY. 9, 1991 (129)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	358	9.7	45	J	11.7	-2	135	-7.2	6.6	2.8	6	J	
2	369	9.6	46	J	11.9	-17	125	-5.9	8.9	0.6	5	J	
3													
4													
5													
6													
7	389	11.3	105	J	10.6	31	113	-2.9	5.9	5.6	6	J	
8	370	11.9	108	J	10.1	13	146	-6.8	4.3	2.5	6	J	
9	381	11.7	109	J	10.3	16	127	-5.3	6.7	3.2	5	J	
10	389	11.4	106	J	9.9	15	115	-3.4	7.1	2.7	5	J	
11	361	11.7	108	J	9.9	6	144	-7.2	5.1	1.3	4	J	
12													
13	383	11.8	106	J	9.6	11	118	-4.0	7.3	2.3	4	J	
14	381	12.2	102	J	9.5	35	121	-3.4	5.1	5.3	5	J	
15	387	12.2	131	J	9.0	5	139	-5.6	4.7	1.4	5	J	
16	368	13.6	158	J	9.1	12	182	-8.2	-0.6	1.6	4	J	
17	385	11.9	110	J	8.6	-43	188	-5.2	0.6	-4.9	5	J	
18	400	11.1	85	J	9.2	-51	111	-1.9	6.8	-4.6	4	J	
19	377	11.2	99	J	9.0	-46	182	-5.6	2.0	-5.5	4	J	
20	393	11.1	93	J	9.0	-60	185	-3.7	2.3	-6.0	5	J	
21	387	11.5	87	J	10.1	-28	119	-3.3	6.8	-0.6	7	J	
22	387	10.3	71	J	9.8	18	109	-2.8	6.1	6.3	3	J	
23	381	9.9	69	J	9.3	16	117	-3.8	5.5	5.6	3	J	
24	378	9.3	58	J	9.1	13	119	-4.0	5.6	5.0	3	J	

MAY. 10, 1991 (130)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	369	9.5	68	J	8.9	21	119	-3.7	4.7	5.5	4	J	
2	407	8.3	44	J	8.9	24	91	-0.1	5.6	6.2	3	J	
3	388	8.3	47	J	8.7	27	107	-2.0	4.8	5.6	4	J	
4	402	8.3	57	J	8.5	49	96	-0.6	3.1	7.5	2	J	
5					8.4	31	98	-1.0	5.6	5.9	2	J	
6					6.9	-23	142	-4.6	4.0	-1.6	3	J	
7	388	8.0	88	J	7.0	-18	113	-1.3	3.3	-0.6	6	J	
8	385	7.7	67	J	7.5	33	123	-2.0	2.8	2.8	6	J	
9	398	7.9	65	J	8.0	35	81	1.0	5.6	4.9	3	J	
10	379	7.5	65	J	7.3	7	118	-2.5	4.7	1.0	5	J	
11	373	7.4	73	J	7.2	-49	152	-3.5	2.1	-4.5	4	J	
12	370	7.0	71	J	7.0	-36	145	-4.2	3.1	-3.5	3	J	
13	372	6.8	56	J	7.7	30	121	-3.2	5.1	4.0	2	J	
14	385	6.9	56	J	7.4	27	113	-2.4	5.3	3.7	3	J	
15	374	6.6	58	J	7.1	3	111	-2.3	5.8	1.2	3	J	
16	373	7.0	75	J	7.0	11	118	-2.5	4.5	2.0	4	J	
17	362	6.8	71	J	6.9	-38	138	-3.4	3.9	-2.7	4	J	
18	369	6.7	59	J	7.1	22	116	-2.6	4.4	4.0	3	J	
19	370	6.7	61	J	7.1	28	113	-2.0	3.5	4.3	4	J	
20	366	7.0	57	J	6.9	-17	138	-3.5	3.4	0.0	5	J	
21	374	6.8	48	J	6.9	24	109	-1.8	3.7	4.6	3	J	
22	369	6.9	65	J	6.4	-36	177	-3.8	1.4	-2.4	4	J	
23	376	6.9	59	J	6.3	-32	188	-3.2	0.5	-2.0	5	J	
24	372	6.6	63	J	6.5	10	108	-1.8	4.6	3.5	3	J	

MAY. 11, 1991 (131)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	345	6.9	81	J	6.6	20	166	-5.1	0.3	2.3	4	J	
2	381	6.9	56	J	6.7	6	101	-1.0	4.4	2.5	4	J	
3	386	6.6	46	J	6.7	17	88	0.2	4.9	3.8	2	J	
4	378	6.4	40	J	6.7	26	94	-0.4	4.5	4.4	2	J	
5	380	6.3	39	J	6.4	20	92	-0.2	4.7	3.4	3	J	
6	349	6.7	82	J	5.8	26	175	-4.8	-0.1	2.4	2	J	
7	345	6.4	79	J	5.8	3	156	-4.8	2.1	0.6	2	J	
8													
9													
10	345	6.7	35	J	5.6	9	154	-3.9	1.9	0.8	4	J	
11	368	6.8	27	J	5.6	-6	100	-0.9	5.4	-0.3	1	J	
12					5.7	8	117	-2.2	4.3	0.9	3	J	
13	343	6.3	34	J	5.7	3	130	-3.4	4.0	0.6	2	J	
14	358	7.0	32	J	5.7	-12	102	-1.1	5.3	-0.6	2	J	
15	352	6.7	26	J	6.0	-4	110	-1.8	5.1	0.4	3	J	
16													
17													
18													
19													
20													
21													
22													
23													
24													

91-05-18 - 91-05-30

MAY. 18, 1991 (138)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11	439	2.5	12	J	10.5	1	157	-9.6	4.1	0.2	1	J
12	438	2.9	18	J	10.4	32	155	-7.7	3.5	5.3	2	J
13	434	3.6	8	J	10.4	44	149	-6.2	3.5	7.1	2	J
14	428	3.3	19	J	10.2	35	150	-7.1	3.7	6.0	2	J
15					10.2	39	150	-6.8	3.2	6.7	2	J
16					9.2	18	160	-8.1	2.5	3.2	1	J
17												
18												
19												
20												
21												
22												
23												
24												

MAY. 19, 1991 (139)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7					8.7	60	181	-4.3	-1.0	7.5	0	J
8	353	3.1	12	J	8.4	76	195	-1.9	-1.1	8.0	1	J
9	353	5.3	41	J	8.3	70	189	-2.8	-0.8	7.8	1	J
10	358	3.7	11	J	8.3	68	187	-3.0	-0.5	7.6	1	J
11					8.0	64	187	-3.4	-0.5	7.1	1	J
12	390	5.0	7	J	7.6	54	186	-4.3	-0.5	6.0	2	J
13	328	6.0	6	J	7.5	64	176	-3.2	0.1	6.7	1	J
14					7.9	74	172	-2.1	-0.1	7.5	1	J
15					8.1	76	183	-2.0	-0.9	7.8	1	J
16					8.4	76	183	-2.0	-1.3	8.0	1	J
17	351	5.6	11	J	8.0	83	124	-0.5	-0.8	7.6	2	J
18	360	4.7	15	J	8.0	84	104	-0.2	-1.3	7.8	1	J
19	363	5.6	14	J	7.7	87	122	-0.2	-2.1	7.4	1	J
20												
21												
22	369	8.1	25	J	10.2	65	177	-4.3	-3.5	8.4	1	J
23	371	9.9	59	J	8.7	41	184	-6.2	-2.6	4.7	3	J
24	369	11.2	78	J	7.6	9	177	-6.3	-0.1	1.0	4	J

MAY. 20, 1991 (140)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	367	13.1	27	J	8.8	80	47	1.0	-2.3	8.3	2	J
2	362	11.0	30	J	6.7	69	142	-1.8	-0.8	6.2	2	J
3	367	10.3	26	J	7.9	68	73	0.8	0.4	7.4	3	J
4	376	12.9	26	J	6.5	53	41	3.0	1.1	5.7	1	J
5	379	15.3	18	J	6.9	51	48	2.8	1.9	5.8	2	J
6	386	15.5	15	J	7.3	55	58	2.2	2.5	6.3	1	J
7	382	13.8	15	J	8.1	64	48	2.3	1.7	7.3	2	J
8	379	14.9	20	J	8.5	65	45	2.5	2.0	7.8	1	J
9	372	15.5	19	J	8.4	59	61	2.0	3.4	7.2	2	J
10	366	13.6	13	J	8.4	70	84	0.3	2.7	7.8	1	J
11	358	12.6	16	J	8.4	69	90	0.0	3.0	7.7	1	J
12	352	10.5	11	J	8.9	72	88	0.1	2.7	8.4	2	J
13	348	9.0	11	J	9.2	82	122	-0.7	0.9	9.1	1	J
14	353	10.8	17	J	8.7	83	273	0.1	-1.4	8.5	1	J
15	339	9.5	16	J	8.4	74	271	0.0	-2.7	7.0	4	J
16					8.1	46	111	-2.0	4.4	6.5	1	J
17	339	9.3	15	J	7.7	48	110	-1.7	3.5	6.4	2	J
18	336	10.0	9	J	8.3	58	90	0.0	2.4	7.8	1	J
19	348	9.6	14	J	8.6	65	78	0.7	0.9	8.2	2	J
20	335	10.7	15	J	8.6	58	121	-2.3	1.0	8.1	1	J
21	341	10.9	18	J	8.4	53	132	-3.3	0.8	7.4	2	J
22	334	12.2	18	J	8.2	54	139	-3.6	0.2	7.3	1	J
23												
24	335	9.9	12	J	7.7	43	132	-3.7	1.7	6.4	2	J

MAY. 21, 1991 (141)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	332	9.4	13	J	7.7	45	141	-4.1	1.1	6.2	2	J
2	328	10.8	20	J	7.5	44	141	-4.0	1.3	5.7	2	J
3	332	10.9	12	J	7.6	28	125	-3.7	4.0	5.0	2	J
4	336	11.8	14	J	7.7	39	117	-2.6	3.7	5.8	2	J
5	336	11.1	12	J	8.1	47	121	-2.7	3.2	6.5	3	J
6	337	10.8	17	J	8.1	30	119	-3.1	5.0	4.6	3	J
7	342	11.0	21	J	8.3	29	109	-2.1	5.6	4.2	4	J
8	337	11.4	23	J	8.2	31	121	-3.3	5.2	4.2	3	J
9	339	11.9	23	J	8.5	39	112	-2.4	5.7	5.3	3	J
10	344	13.1	29	J	9.3	15	116	-3.6	7.5	2.3	4	J
11	341	14.1	33	J	9.6	-10	143	-6.4	4.8	-1.5	5	J
12					10.6	25	161	-9.1	3.2	4.5	1	J
13												
14	405	25.3	42	J	13.6	38	91	-0.2	9.3	7.9	6	J
15	381	25.1	57	J	13.7	4	115	-4.9	10.4	1.7	7	J
16	401	28.6	52	J	13.3	67	18	4.1	-0.1	10.2	7	J
17	390	25.9	51	J	12.4	17	82	1.5	9.8	5.3	5	J
18	397	27.2	61	J	13.0	-3	131	-6.9	7.9	1.5	8	J
19	359	25.2	61	J	13.5	38	128	-5.5	4.5	8.8	7	J
20	360	25.2	79	J	12.9	39	115	-3.9	5.3	10.0	5	J
21	355	25.0	97	J	12.3	36	125	-5.3	4.5	9.2	5	J
22	357	24.5	92	J	12.7	33	134	-6.9	4.0	8.7	5	J
23	367	22.4	78	J	12.7	41	120	-4.0	3.5	9.2	7	J
24	374	20.9	111	J	11.1	35	125	-4.2	3.5	7.1	7	J

MAY. 22, 1991 (142)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	412	34.8	210	J	16.9	16	124	-7.8	9.3	8.1	9	J
2	436	35.6	204	J	18.5	76	319	3.0	-7.9	14.1	9	J
3	411	34.8	206	J	15.5	61	140	-3.9	0.3	9.6	12	J
4	418	29.8	147	J	18.5	3	125	-9.9	13.5	4.5	7	J
5	422	25.3	113	J	21.2	7	119	-10.0	17.2	6.2	4	J
6	398	20.6	96	J	19.9	-11	137	-13.8	13.3	-1.7	5	J
7	392	19.4	78	J	19.6	-19	137	-13.3	13.0	-4.9	4	J
8	408	29.3	89	J	13.8	-13	138	-9.6	8.8	-2.5	6	J
9	424	41.8	106	J	3.0	29	104	-0.5	2.1	1.3	2	J
10	429	22.9	128	J	11.7	0	253	-0.7	-2.4	0.0	12	J
11	419	6.5	115	J	17.0	-3	294	6.8	-15.3	-0.7	2	J
12	422	3.7	118	J	16.6	-3	292	6.2	-15.3	-0.7	1	J
13	440	3.3	121	J	16.2	5	298	7.5	-14.1	1.3	3	J
14	425	4.2	88	J	15.5	-3	299	7.3	-13.2	-1.2	4	J
15	403	6.9	37	J	15.6	1	304	8.6	-12.7	-0.7	2	J
16	395	6.9	36	J	14.8	14	315	10.1	-10.5	2.2	2	J
17	397	4.0	71	J	14.9	4	292	5.3	-13.0	-1.5	5	J
18	394	2.9	66	J	15.2	-3	280	2.6	-14.3	-4.5	1	J
19					15.4	0	285	3.9	-13.8	-4.4	3	J
20					13.4	11	295	5.2	-11.3	-1.6	5	J
21					12.0	19	299	5.0	-9.7	-0.1	5	J
22					12.0	46	35	6.4	0.9	9.2	4	J
23					11.8	25	306	4.8	-7.6	0.9	8	J
24					12.0	3	294	4.2	-8.9	-3.2	6	J

MAY. 23, 1991 (143)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	409	8.2	148	J	12.8	35	304	4.0	-7.3	2.5	9	J
2	412	7.5	114	J	13.6	33	293	3.4	-9.5	2.6	9	J
3	435	7.2	118	J	14.1	42	285	2.4	-11.0	5.3	7	J
4	424	6.5	101	J	14.2	33	296	4.1	-9.6	3.8	9	J
5	427	6.3	107	J	14.6	7	289	4.6	-13.4	-0.9	3	J
6												
7	422	4.5	106	J	13.6	13	308	8.1	-10.6	2.0	1	J
8	435	5.0	128	J	13.3	2	308	7.8	-10.0	-0.1	4	J
9	466	5.0	153	J	12.8	-13	303	6.2	-9.4	-2.8	5	J
10	479	3.8	147	J	12.3	14	313	7.7	-8.2	2.9	4	J
11	507	2.8	126	J	12.4	11	312	7.7	-8.5	2.4	4	J
12	505	2.8	86	J	12.4	-2	327	8.9	-5.8	-0.3	6	J
13	510	3.0	97	J	11.3	-25	332	8.2	-4.4	-4.3	4	J
14	515	2.6	91	J	10.9	-12	312	6.9	-7.6	-2.4	3	J
15	538	2.6	151	J	10.5	-15	304	5.3	-7.6	-3.1	4	J
16	515	7.1	157	J	7.9	22	275	0.5	-6.5	1.7	4	J
17	526	7.4	180	J	8.4	44	284	1.1	-5.0	3.4	6	J
18	509	8.0	178	J	8.4	4	294	3.0	-6.6	-1.1	4	J
19	502	8.9	189	J	8.7	-9	313	4.0	-3.8	-2.1	6	J
20	517	10.3	220	J	8.5	16	288	1.4	-4.4	-0.2	7	J
21	521	11.2	164	J	9.7	6	276	0.7	-6.9	-1.9	6	J
22	498	11.5	161	J	10.1	-36	308	4.7	-3.4	-7.4	4	J
23	491	10.0	153	J	10.8	2	307	4.9	-6.1	-2.3	7	J
24	494	6.2	118	J	11.9	3	302	5.8	-8.8	-3.0	4	J

MAY. 24, 1991 (144)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	501	7.0	127	J	11.0	-10	306	6.2	-7.3	-4.8	3	J
2	501	11.8	176	J	9.5	1	317	6.7	-6.0	-1.9	2	J
3	529	16.3	174	J	10.6	11	319	6.1	-5.6	0.0	7	J
4	518	17.0	205	J	11.5	15	330	9.2	-5.8	1.5	4	J
5	517	17.7	152	J	10.1	5	335	8.7	-4.1	0.0	3	J
6	506	16.6	135	J	11.2	-11	342	10.3	-3.0	-2.5	2	J
7	500	18.8	129	J	11.6	-4	333	8.7	-4.4	-1.1	6	J
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

MAY. 30, 1991 (150)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11	554	2.8	86	J	3.5	-6	354	2.9	-0.3	-0.3	2	J
12	546	3.4	81	J	4.5	-1	326	3.1	-2.1	0.1	2	J
13	552	3.1	52	J	4.7	-10	345	4.3	-1.2	-0.7	2	J
14	542	4.0	61	J	4.3	-24	289	0.8	-2.4	-1.1	3	J
15	528	4.3	60	J	5.2	-17	279	0.7	-4.4	-1.5	2	J
16	517	4.3	52	J	5.3	-19	283	0.9	-3.9	-1.7	3	J
17	505	4.0	62	J	4.8	-40	322	2.0	-1.2	-2.3	3	J
18	486	3.7	53	J	5.0	-31	14	4.0	1.5	-2.2	2	J
19	487	4.3	57	J	4.7	-37	304	1.7	-1.9	-2.8	3	J
20	484	4.5	53	J	5.2	-37	308	2.0	-1.7	-3.1	3	J
21	526	4.6	37	J	6.0	5	236	-2.7	-4.0	-0.9	3	J
22	482	4.2	38	J	6.2	42	288	1.3	-5.2	2.2	2	J
23												
24												

91-05-31 - 91-06-12

MAY. 31, 1991 (151)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	465	9.2	59	J	9.8	-50	320	4.5	-4.2	-6.8	3	J
11	514	14.6	111	J	13.6	-51	317	5.1	-5.3	-8.2	10	J
12	578	26.8	246	J	19.6	6	309	9.4	-11.4	2.4	13	J
13	571	21.9	213	J	20.0	11	307	9.7	-12.7	3.9	11	J
14	570	21.9	289	J	19.4	-35	308	9.2	-12.0	-10.1	6	J
15	553	17.9	396	J	16.2	-43	308	7.0	-8.8	-10.8	5	J
16	569	21.0	345	J	14.6	-43	306	5.7	-7.1	-9.5	6	J
17	573	18.7	361	J	13.0	-17	305	6.4	-8.6	-4.6	6	J
18												
19												
20												
21												
22												
23												
24												

JUN. 1, 1991 (152)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6	665	20.1	139	J	9.7	-3	133	-3.2	3.4	0.1	9	J
7	665	33.5	109	J	11.3	66	358	3.1	-0.4	7.0	9	J
8	655	25.4	122	J	13.4	-8	5	4.9	0.4	-0.7	13	J
9	662	29.6	56	J	13.8	-43	252	-2.6	-8.5	-7.6	7	J
10	626	18.2	55	J	13.0	-5	182	-9.5	-0.4	-0.8	9	J
11	616	13.2	47	J	12.3	-7	172	-10.2	1.3	-1.4	7	J
12	636	14.1	66	J	12.4	32	136	-6.4	6.6	5.1	7	J
13	654	13.7	68	J	14.8	63	52	4.1	6.0	12.6	3	J
14	634	11.6	61	J	14.4	61	47	4.6	5.4	12.1	3	J
15	652	26.1	42	J	11.8	51	342	6.9	-2.3	8.9	3	J
16	634	26.3	32	J	11.5	52	345	6.1	-2.1	7.9	5	J
17					10.6	64	83	0.6	3.3	9.8	2	J
18	601	7.5	20	J	9.7	37	124	-4.3	5.2	6.9	1	J
19	589	5.7	44	J	9.3	12	140	-6.7	5.0	3.2	2	J
20	563	5.7	95	J	9.1	-1	147	-7.5	4.7	1.2	1	J
21												
22												
23												
24												

JUN. 2, 1991 (153)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5	572	4.0	34	J	7.3	-52	246	-1.8	-3.3	-6.3	1	J
6	577	4.6	41	J	7.2	-62	280	0.5	-2.6	-6.2	3	J
7	583	5.7	49	J	7.1	-49	298	2.0	-3.7	-5.1	3	J
8	573	10.0	46	J	6.4	-35	315	3.4	-3.5	-3.3	3	J
9	559	12.8	48	J	5.2	-17	300	1.9	-3.3	-1.0	4	J
10	570	11.3	55	J	7.0	-11	306	3.1	-4.4	-0.7	4	J
11	554	16.6	33	J	6.6	55	211	-2.9	-1.3	5.1	3	J
12	544	15.8	27	J	8.3	31	220	-5.1	-3.9	4.3	4	J
13	550	16.4	17	J	12.4	39	215	-7.4	-4.6	7.7	5	J
14	539	16.5	15	J	11.8	36	179	-9.4	0.4	6.8	2	J
15	542	10.3	248	J	13.1	42	179	-9.7	0.1	8.7	2	J
16	576	7.8	53	J	12.5	24	176	-5.4	0.2	2.4	11	J
17	591	9.1	22	J	11.5	-36	292	3.4	-7.6	-7.6	2	J
18	573	10.4	93	J	9.2	-26	325	6.6	-3.9	-4.7	2	J
19	549	10.4	165	J	7.8	13	95	-0.2	2.3	1.2	7	J
20	558	10.1	110	J	9.0	-14	289	2.6	-6.6	-4.0	4	J
21	588	11.4	122	J	7.8	-55	306	2.0	-1.1	-5.5	5	J
22	568	10.0	24	J	9.3	-52	278	0.7	-2.8	-8.2	3	J
23	494	4.4	33	J	8.5	-20	165	-4.8	1.8	-1.3	7	J
24	499	4.5	36	J	8.9	15	163	-7.8	1.5	2.8	3	J

JUN. 3, 1991 (154)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	505	4.4	37	J	8.2	-2	153	-6.6	3.3	0.8	4	J
2	487	5.0	38	J	8.6	-1	156	-7.6	3.3	0.8	2	J
3	473	4.8	32	J	7.8	3	173	-7.4	0.8	0.6	2	J
4	471	4.1	30	J	7.4	-7	171	-6.9	1.2	-0.6	2	J
5	465	4.3	35	J	7.8	-4	161	-7.2	2.5	-0.2	2	J
6	470	5.2	35	J	8.2	-27	159	-6.7	2.9	-3.5	1	J
7	470	5.3	41	J	8.1	-39	166	-6.0	1.6	-4.9	1	J
8	453	4.4	31	J	8.4	-16	163	-7.3	2.2	-2.2	3	J
9	449	4.1	32	J	8.7	-11	165	-8.2	2.1	-1.8	2	J
10	450	4.1	59	J	8.3	-9	152	-7.2	3.7	-1.6	1	J
11	443	3.6	48	J	8.2	-18	157	-7.0	2.7	-2.7	2	J
12					8.0	-12	168	-7.6	1.4	-1.8	1	J
13	430	4.8	69	J	7.7	-17	171	-7.0	0.9	-2.2	2	J
14	435	3.5	37	J	7.1	-21	164	-6.2	1.7	-2.6	2	J
15	432	3.3	67	J	6.9	-15	167	-6.4	1.5	-1.8	1	J
16	438	3.0	91	J	6.6	3	166	-6.0	1.5	0.4	2	J
17	441	3.5	150	J	6.4	-14	173	-5.9	0.9	-1.4	2	J
18	450	4.0	89	J	6.4	-21	179	-5.4	0.4	-2.0	3	J
19	462	3.8	52	J	6.0	-40	174	-4.1	1.2	-3.3	3	J
20	463	4.0	44	J	6.7	-53	158	-3.6	2.8	-4.5	2	J
21	454	4.8	47	J	6.8	-40	160	-4.5	2.8	-3.3	3	J
22	448	4.0	45	J	7.2	-42	161	-5.0	3.2	-3.9	1	J
23	435	2.7	75	J	7.6	-23	169	-6.8	2.2	-2.3	1	J
24	433	2.9	49	J	7.3	-11	168	-6.7	1.8	-0.8	2	J

JUN. 4, 1991 (155)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	511	4.3	78	J	7.3	5	170	-5.0	0.7	0.7	5	J
2	436	3.3	54	J	7.5	13	162	-7.0	1.7	2.2	1	J
3					7.6	25	169	-6.7	0.6	3.4	1	J
4	429	3.6	71	J	7.9	8	164	-7.4	1.9	1.4	1	J
5	447	3.5	56	J	8.2	23	167	-7.2	1.3	3.3	2	J
6	459	5.7	75	J	11.4	29	171	-9.4	1.1	5.4	4	J
7	434	3.9	124	J	12.4	2	162	-11.3	3.7	0.5	3	J
8	427	6.1	289	J	12.3	-3	172	-11.7	1.6	-0.7	3	J
9	501	4.1	104	J	12.2	56	174	-6.5	1.3	9.6	4	J
10	439	2.9	82	J	12.5	14	158	-10.3	4.4	2.4	5	J
11												
12												
13					11.8	56	105	-1.7	7.2	9.2	0	J
14	469	9.8	22	J	11.8	48	169	-7.5	1.9	8.4	3	J
15	487	14.8	32	J	8.1	15	231	-3.8	-4.7	1.7	6	J
16	572	14.3	159	J								
17	582	23.2	311	J								
18	589	31.4	319	J								
19	619	25.0	266	J								
20	601	30.5	168	J								
21	592	17.6	125	J								
22	626	18.2	107	J								
23	648	29.7	128	J								
24	695	40.9	193	J								

JUN. 5, 1991 (156)

HR	VEL	DEN	TEMP/ 1000	PLS SC
1	710	48.2	162	J
2	683	45.7	168	J
3	635	43.4	239	J
4	644	32.2	157	J
5	628	30.4	227	J
6	596	34.1	198	J
7	630	37.6	193	J
8				
9				
10				
11	568	40.7	149	J
12	560	12.2	129	J
13	582	6.9	101	J
14	582	5.4	119	J
15	514	19.2	123	J
16	535	31.8	87	J
17	569	34.4	90	J
18	581	46.9	27	J
19				
20	564	26.1	88	J
21	551	26.7	106	J
22	516	37.6	371	J
23	422	27.5	700	J
24	419	26.1	685	J

JUN. 6, 1991 (157)

HR	VEL	DEN	TEMP/ 1000	PLS SC
1				
2				
3				
4	520	15.3	77	J
5	591	20.9	201	J
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				

JUN. 12, 1991 (163)

HR	VEL	DEN	TEMP/ 1000	PLS SC
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13	906	4.	12702	J
14	825	5.	42460	J
15	789	7.	72924	J
16	763	8.	43469	J
17	839	7.	11346	J
18	844	7.	31263	J
19	892	7.8	840	J
20	900	14.1	760	J
21	911	17.6	729	J
22	866	9.8	460	J
23	858	26.5	259	J
24				

91-06-13 - 91-06-25

JUN. 13, 1991 (164)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5	845	34.4	79	J								
6												
7												
8												
9	850	12.3	64	J								
10	828	10.4	109	J								
11	854	4.0	457	J								
12	832	2.9	155	J								
13	812	8.4	685	J								
14	798	14.8	249	J								
15	783	6.2	612	J								
16	788	6.2	474	J								
17	789	8.1	290	J								
18	839	11.9	227	J								
19												
20												
21												
22												
23												
24												

JUN. 14, 1991 (165)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5					7.0	45	183	-4.8	-0.5	4.8	2	J
6					6.6	37	162	-4.9	1.6	3.9	1	J
7					6.4	32	164	-5.1	1.6	3.3	1	J
8					6.5	26	140	-4.1	3.6	2.2	3	J
9					6.4	23	147	-4.9	3.5	2.0	1	J
10					6.3	23	147	-4.9	3.5	1.9	1	J
11					6.2	31	153	-4.7	2.9	2.7	1	J
12					6.2	25	156	-5.1	2.7	2.2	1	J
13					6.2	24	156	-5.1	2.6	2.1	1	J
14					6.3	27	154	-5.0	2.8	2.5	0	J
15	770	9.7	385	J	6.5	27	150	-5.0	3.1	2.7	1	J
16					6.6	27	152	-5.2	2.9	2.9	1	J
17					6.6	30	162	-5.4	1.7	3.4	1	J
18					6.7	30	167	-5.7	1.0	3.5	1	J
19					6.7	27	168	-5.8	0.8	3.1	1	J
20												
21												
22												
23												
24												

JUN. 15, 1991 (166)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4					6.1	-7	139	-4.3	3.8	-0.3	2	J
5	558	6.3	371	J	6.1	-12	133	-4.1	4.4	-1.1	1	J
6					5.7	-10	138	-4.1	3.7	-1.0	1	J
7					5.6	-18	134	-3.7	3.7	-1.9	0	J
8	550	6.3	20	J	5.5	-19	140	-3.9	3.1	-2.1	1	J
9	544	6.0	18	J	5.6	-23	146	-4.2	2.5	-2.5	1	J
10	542	8.9	19	J	5.7	-23	145	-4.1	2.5	-2.6	2	J
11												
12												
13												
14												
15	352	52.8	1661	J	6.3	-30	164	-5.2	1.2	-3.2	1	J
16												
17	502	12.2	26	J	8.7	-9	168	-7.9	1.7	-1.2	3	J
18					10.9	10	157	-9.8	4.0	2.2	2	J
19					8.7	12	175	-8.1	0.5	1.8	2	J
20					9.2	19	170	-8.5	0.9	3.2	1	J
21					8.6	18	173	-7.9	0.4	2.7	2	J
22					8.9	21	149	-7.1	3.4	4.1	1	J
23												
24												

JUN. 16, 1991 (167)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5					6.7	29	138	-4.2	3.7	3.3	2	J
6	441	5.0	7	J	6.2	30	134	-3.7	3.8	3.0	1	J
7	437	4.9	9	J	6.4	37	150	-4.3	2.7	3.6	2	J
8	449	6.6	56	J	6.6	16	153	-5.5	3.0	1.4	1	J
9	358	16.5	1263	J	6.1	4	158	-5.5	2.3	0.1	1	J
10					5.7	-5	166	-5.4	1.2	-0.7	1	J
11					6.1	-16	167	-5.6	1.0	-1.9	1	J
12	415	11.2	62	J	5.8	-11	170	-5.3	0.7	-1.2	2	J
13					5.4	2	167	-5.2	1.2	0.0	1	J
14	391	4.7	9	J	5.4	-1	168	-4.9	1.0	-0.2	2	J
15	395	5.3	5	J	6.0	1	162	-5.6	1.8	-0.1	1	J
16	396	5.8	5	J	7.3	7	149	-6.0	3.7	0.7	2	J
17	397	6.0	4	J	7.9	22	137	-5.2	4.8	2.9	2	J
18	396	5.9	5	J	8.0	21	153	-6.3	3.0	3.0	3	J
19	395	5.6	6	J	8.0	18	143	-5.7	3.9	2.9	3	J
20	395	6.0	5	J	7.9	29	146	-5.3	2.9	4.1	3	J
21	396	5.2	6	J	8.1	2	134	-5.5	5.5	1.5	2	J
22	398	14.4	155	J	8.0	10	123	-4.0	5.7	2.7	3	J
23	392	6.9	28	J	7.3	32	111	-2.2	4.6	5.0	2	J
24	366	23.2	149	J	6.6	-16	131	-3.8	4.6	-0.6	3	J

JUN. 17, 1991 (168)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	400	5.8	16	J	6.7	-19	141	-4.5	4.0	-1.2	3	J
2	402	5.8	20	J	6.5	-20	146	-4.5	3.3	-1.4	3	J
3	411	5.9	30	J	6.6	-26	130	-3.6	4.6	-2.1	2	J
4	401	5.6	11	J	7.0	-25	131	-4.0	4.9	-2.5	1	J
5	398	5.6	14	J	7.1	-24	142	-5.0	4.0	-2.7	1	J
6	403	5.0	11	J	6.6	-15	133	-4.2	4.4	-1.7	2	J
7												
8												
9												
10	414	6.0	33	J	6.6	2	138	-4.6	4.1	-0.5	2	J
11	572	18.9	352	J								
12	629	24.5	685	J								
13	658	24.6	552	J								
14	667	24.9	346	J								
15	649	25.1	416	J								
16	616	25.3	423	J								
17	602	25.6	414	J								
18	583	32.2	248	J								
19	581	30.3	384	J								
20	580	29.4	232	J								
21	540	22.9	175	J								
22	559	59.8	74	J								
23	565	44.6	85	J								
24	552	25.0	54	J								

JUN. 18, 1991 (169)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	468	17.8	172	J								
2	493	13.3	327	J								
3	531	15.9	307	J								
4	501	15.9	268	J								
5	510	20.6	185	J								
6	519	15.2	113	J								
7	524	14.5	144	J								
8	525	14.0	178	J								
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

JUN. 24, 1991 (175)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9	660	3.9	247	J	9.8	-12	262	-1.2	-8.7	-0.1	4	J
10	608	4.0	240	J	10.0	-27	279	1.2	-8.5	-2.1	4	J
11	596	3.9	171	J	10.4	-33	295	3.5	-8.5	-3.4	3	J
12	584	4.2	184	J	10.4	-25	302	4.7	-8.2	-2.2	3	J
13	583	4.4	263	J	10.6	-16	324	6.6	-5.2	-1.2	6	J
14	588	4.0	189	J	10.2	1	333	8.1	-4.0	1.0	4	J
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

JUN. 25, 1991 (176)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9	569	4.9	99	J	8.1	-3	344	7.0	-2.0	0.0	3	J
10	563	5.0	121	J	7.9	7	332	6.2	-3.0	1.6	4	J
11	580	5.4	158	J	8.3	-27	311	4.5	-5.9	-2.1	3	J
12	554	4.3	78	J	9.1	11	333	7.0	-3.1	2.4	4	J
13	548	3.5	64	J	9.4	-3	322	7.1	-5.5	0.9	2	J
14	600	3.8	144	J	9.1	7	314	5.2	-5.1	2.0	5	J
15	639	4.0	370	J	6.8	-5	328	5.1	-3.2	0.0	3	J
16	658	4.1	309	J	6.5	-29	337	3.9	-1.9	-2.2	4	J
17	676	3.8	235	J	6.4	2	284	1.3	-5.3	0.5	3	J
18	645	3.7	143	J	5.8	-19	343	5.0	-1.5	-1.8	2	J
19	624	4.0	85	J	7.2	1	336	5.9	-2.6	-0.1	3	J
20	641	4.0	136	J	7.0	-8	311	3.7	-4.1	-1.3	4	J
21	653	3.8	123	J	6.9	-4	303	3.1	-4.7	-1.1	4	J
22	627	5.5	208	J	7.1	-8	323	4.8	-3.4	-1.5	4	J
23	654	4.9	189	J	6.8	-13	320	3.8	-2.9	-1.7	4	J
24	678	4.8	170	J	6.6	3	299	2.0	-3.6	-0.4	5	J

91-06-26 - 91-07-08

JUN. 26, 1991 (177)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7													
8													
9	641	4.5	152	J	5.2	-40	9	2.5	-0.1	-2.2	4	J	
10	639	4.4	140	J	5.0	-20	334	2.9	-1.6	-0.8	4	J	
11	629	4.3	91	J	5.0	28	9	3.7	1.1	1.8	3	J	
12	623	4.5	94	J	5.1	2	333	4.0	-1.9	0.7	2	J	
13	626	4.6	89	J	5.4	16	359	3.6	0.2	1.0	4	J	
14	615	4.4	74	J	5.4	12	12	4.4	1.1	0.7	3	J	
15	611	4.3	85	J	5.3	-36	357	3.5	-0.6	-2.5	3	J	
16	606	4.3	78	J	5.1	-43	339	3.0	-1.5	-2.8	3	J	
17	612	4.5	83	J	5.1	-47	5	2.4	0.1	-2.6	4	J	
18	544	6.1	248	J	6.2	-13	11	5.5	1.1	-1.3	2	J	
19	584	6.4	114	J	6.3	-53	306	1.6	-1.9	-3.6	5	J	
20	567	5.7	99	J	5.4	4	346	4.1	-1.0	0.2	3	J	
21	542	4.3	27	J	5.6	24	345	4.9	-1.6	2.1	1	J	
22													
23													
24													

JUN. 27, 1991 (178)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7													
8													
9					5.9	-29	270	0.0	-5.5	-1.6	2	J	
10	558	4.9	85	J	5.4	-33	268	-0.1	-4.5	-1.5	2	J	
11	555	5.3	75	J	5.7	-50	263	-0.4	-4.1	-2.9	3	J	
12	532	5.1	78	J	6.1	0	282	1.1	-5.2	1.4	3	J	
13	503	5.2	148	J	5.3	34	338	3.8	-0.8	3.0	2	J	
14	503	5.8	239	J	5.7	20	345	5.0	-0.9	2.1	1	J	
15	556	4.6	78	J	4.7	3	219	-2.0	-1.6	0.4	4	J	
16	533	5.0	86	J	4.4	-10	262	-0.4	-3.2	-0.2	3	J	
17	542	4.9	71	J	4.7	6	223	-2.9	-2.7	0.6	3	J	
18	527	4.8	63	J	4.5	-26	260	-0.4	-2.3	-1.1	4	J	
19	500	4.9	49	J	5.2	27	341	4.1	-1.5	2.1	2	J	
20	494	4.7	61	J	5.1	6	342	3.4	-1.1	0.3	4	J	
21	491	5.5	58	J	5.3	9	329	3.0	-1.9	0.3	4	J	
22	499	6.3	50	J	4.9	-18	294	1.5	-3.1	-1.7	3	J	
23	490	6.4	112	J	5.2	-7	275	0.3	-3.2	-1.0	4	J	
24	484	6.3	82	J	4.7	-17	293	1.2	-2.6	-1.4	4	J	

JUN. 28, 1991 (179)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	500	6.0	55	J	5.3	0	255	-1.0	-3.6	-0.5	4	J	
2	496	6.1	62	J	5.9	23	261	-0.7	-4.8	1.5	3	J	
3	481	5.8	60	J	5.6	-27	270	0.0	-4.2	-2.5	3	J	
4	477	5.8	53	J	5.4	-20	282	0.9	-4.1	-1.6	3	J	
5	473	5.7	51	J	5.4	-23	275	0.4	-4.3	-1.6	3	J	
6	464	5.2	39	J	5.3	-23	295	1.8	-4.1	-1.4	2	J	
7													
8													
9													
10													
11													
12					5.3	47	13	0.6	0.3	0.6	5	J	
13					5.3	-20	271	0.1	-3.2	-0.3	4	J	
14	519	4.5	46	J	5.4	-12	263	-0.6	-5.1	0.1	2	J	
15	448	5.6	44	J	5.2	0	288	1.5	-4.7	0.9	2	J	
16	453	5.7	33	J	5.8	-32	270	0.0	-4.4	-2.0	3	J	
17	459	5.6	19	J	6.6	9	276	0.7	-6.2	1.5	1	J	
18	449	4.4	23	J	6.3	7	280	1.1	-6.1	0.8	1	J	
19	458	3.9	21	J	5.9	28	281	0.9	-5.0	2.4	2	J	
20	443	4.8	30	J	5.1	24	276	0.4	-4.3	1.5	2	J	
21	441	5.1	35	J	4.9	-6	260	-0.7	-3.9	-0.9	3	J	
22	445	4.7	37	J	5.1	31	244	-1.7	-3.7	1.7	3	J	
23	419	3.8	37	J	5.0	45	353	2.4	-0.7	2.3	4	J	
24	416	4.5	33	J	4.7	20	285	1.0	-3.8	0.8	2	J	

JUN. 29, 1991 (180)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	427	5.1	38	J	4.5	24	285	1.0	-3.9	1.2	1	J	
2					4.3	15	309	2.4	-3.1	0.8	2	J	
3					5.2	-3	316	3.5	-3.4	-0.4	2	J	
4	408	4.2	25	J	4.8	2	305	2.5	-3.6	0.2	2	J	
5	407	4.2	37	J	4.6	2	318	3.3	-2.9	0.3	1	J	
6	410	4.5	40	J	3.8	-1	320	2.8	-2.3	0.2	1	J	
7	408	5.2	48	J	3.9	-12	283	0.4	-1.9	-0.1	4	J	
8	410	5.9	31	J	4.2	-3	212	-3.2	-2.0	0.2	2	J	
9	399	6.5	39	J	3.4	34	297	1.0	-1.5	1.9	2	J	
10	407	7.9	16	J	4.9	-17	259	-0.9	-4.6	-0.2	2	J	
11													
12													
13													
14													
15													
16													
17					4.8	17	303	2.4	-3.6	1.6	1	J	
18	358	9.8	20	J	4.8	36	311	2.4	-2.8	2.8	1	J	
19	357	11.6	13	J	4.8	47	300	1.5	-2.8	3.2	2	J	
20					4.6	-2	294	1.7	-3.8	-0.5	2	J	
21	351	11.9	17	J	4.0	-21	292	1.0	-2.4	-1.4	3	J	
22	345	11.5	17	J	3.7	-30	318	2.3	-1.8	-2.0	1	J	
23													
24	355	13.4	24	J	3.7	1	121	-1.8	2.9	0.5	2	J	

JUN. 30, 1991 (181)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	353	12.9	30	J	4.3	-8	142	-3.0	2.4	-0.3	2	J	
2	401	21.8	39	J	11.0	-29	125	-5.4	8.1	-4.5	4	J	
3	400	25.2	89	J	9.2	-2	171	-5.4	0.9	-0.2	7	J	
4	452	20.9	100	J	10.0	-75	302	1.1	-1.8	-7.8	6	J	
5	451	22.8	106	J	8.7	33	114	-2.0	4.8	3.0	7	J	
6	454	21.9	81	J	11.0	21	115	-4.3	9.5	2.8	2	J	
7													
8													
9	429	20.8	69	J	11.6	15	120	-5.6	10.1	0.5	2	J	
10	432	19.4	67	J	11.8	31	123	-5.3	9.5	3.4	3	J	
11	439	25.2	45	J	10.9	59	180	-3.7	1.7	5.8	9	J	
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													

JUL. 6, 1991 (187)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7													
8	367	9.0	31	J	5.9	21	135	-3.4	3.8	1.0	2	J	
9	374	9.7	27	J	5.8	4	109	-1.7	4.9	-1.1	2	J	
10	370	10.3	35	J	5.3	-3	127	-2.6	3.2	-1.3	3	J	
11	375	10.7	38	J	5.4	-5	99	-0.7	4.2	-1.9	3	J	
12	355	9.3	32	J	5.6	14	109	-1.5	4.5	-0.3	3	J	
13	348	10.3	58	J	5.4	-8	156	-4.3	1.6	-1.2	3	J	
14	345	9.8	74	J	4.8	-4	165	-4.5	1.1	-0.7	1	J	
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													

JUL. 7, 1991 (188)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4	333	13.7	11	J	8.7	-14	133	-5.6	5.8	-2.4	2	J	
5	337	13.9	10	J	8.6	-15	126	-4.8	6.4	-2.9	1	J	
6	322	12.2	16	J	8.5	16	158	-6.1	2.8	1.5	5	J	
7	315	10.9	16	J	9.0	33	190	-7.4	-0.3	5.0	1	J	
8	311	10.8	18	J	9.1	30	203	-7.2	-1.8	5.1	1	J	
9	304	13.1	35	J	9.5	22	190	-8.6	-0.4	3.8	1	J	
10	301	12.1	27	J	9.4	24	197	-8.1	-1.2	4.4	1	J	
11					9.0	19	207	-7.4	-2.6	3.9	2	J	
12					8.7	12	212	-7.1	-3.6	3.2	1	J	
13	302	11.5	17	J	9.6	10	218	-7.3	-4.9	3.4	2	J	
14	306	13.2	35	J	10.1	11	234	-5.8	-7.0	4.1	2	J	
15	316	11.6	14	J	10.7	11	247	-4.1	-8.9	4.4	1	J	
16	309	11.7	16	J	10.7	10	243	-4.7	-8.8	3.6	1	J	
17					10.6	25	256	-2.3	-8.4	5.6	3	J	
18													
19													
20													
21													
22													
23													
24	351	16.6	27	J	11.0	-15	231	-6.4	-7.7	-3.4	3	J	

JUL. 8, 1991 (189)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	354	20.5	28	J	11.7	-14	262	-1.4	-9.4	-3.0	6	J	
2	336	19.0	13	J	12.5	-7	266	-0.9	-12.1	-1.9	2	J	
3	320	19.1	16	J	12.6	-7	265	-1.1	-12.5	-1.4	1	J	
4													
5													
6													
7													
8	424	10.9	138	J	11.7	-24	169	-9.1	0.6	-4.5	6	J	
9	409	9.5	102	J	12.7	-28	172	-10.8	-0.3	-6.0	3	J	
10	404	8.6	73	J	13.2	-18	165	-11.8	1.7	-4.8	3	J	
11	407	8.2	81	J	13.3	-18	163	-11.6	2.0	-4.9	3	J	
12	401	8.0	96	J	13.6	-9	146	-10.6	6.1	-4.3	4	J	
13	404	9.5	88	J	13.0	8	133	-8.5	9.2	-1.3	3	J	
14	409	9.9	78	J	11.8	12	116	-4.3	9.0	-0.6	6	J	
15	382	10.0	52	J	12.3	-13	145	-9.4	5.7	-4.2	4	J	
16	387	8.7	37	J	10.6	-8	134	-7.1	6.9	-2.9	3	J	
17					14.6	-14	133	-8.6	8.7	-4.4	11	J	
18					32.5	21	124	-16.9	25.9	9.5	4	J	
19					29.0	-32	127	-11.4	14.9	-12.2	19	J	
20													
21													
22													
23													
24													

91-07-09 - 91-07-21

JUL. 9, 1991 (190)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3	674	13.5	807	J	22.6	44	128	-9.3	12.1	14.3	9	J
4	712	9.8	596	J	25.4	-2	148	-17.2	10.7	-1.4	15	J
5	737	5.9	271	J	25.3	1	141	-18.9	15.2	-1.4	7	J
6	747	5.9	173	J	24.6	11	140	-16.7	14.5	1.8	11	J
7	719	4.3	43	J	25.5	-66	127	-6.2	2.9	-24.5	3	J
8					23.7	-63	123	-5.9	3.1	-22.8	2	J
9					21.5	-63	124	-5.4	1.9	-20.6	2	J
10	714	2.0	50	J	20.0	-59	127	-6.2	2.2	-18.8	1	J
11	664	2.8	21	J	19.1	-59	130	-6.3	1.5	-17.9	2	J
12	664	2.3	22	J	17.6	-59	132	-5.9	1.1	-16.1	4	J
13	738	8.0	83	J	16.6	-61	69	2.7	2.2	-15.2	6	J
14	699	10.6	70	J	16.3	-53	130	-6.1	3.1	-14.2	4	J
15					15.9	-50	154	-9.1	1.1	-12.8	1	J
16	663	1.4	45	J	13.7	-38	186	-10.2	-2.7	-7.6	4	J
17	656	1.5	46	J	12.6	-45	181	-8.5	-1.4	-8.4	4	J
18												
19					11.2	-45	137	-5.4	4.8	-7.6	4	J
20	604	1.7	26	J	11.0	-36	144	-6.9	5.1	-6.1	3	J
21	642	2.4	43	J	10.1	-39	150	-6.7	4.2	-6.1	2	J
22	593	2.2	168	J	9.8	-32	134	-5.5	6.0	-4.5	3	J
23												
24	679	2.3	117	J	8.5	-25	129	-4.5	5.8	-2.9	3	J

JUL. 10, 1991 (191)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					8.0	-78	237	-0.8	-0.9	-6.6	5	J
2												
3												
4												
5												
6												
7												
8	640	2.3	56	J	6.2	-10	138	-4.0	3.2	-1.9	3	J
9					6.6	9	122	-3.3	5.4	-0.7	1	J
10					6.5	-3	128	-3.8	4.5	-1.9	2	J
11	645	2.4	318	J	6.4	-7	123	-3.4	4.7	-2.5	1	J
12	613	3.1	134	J	7.9	-5	114	-3.1	6.3	-3.1	2	J
13	606	2.9	64	J	9.2	11	144	-6.4	4.9	-0.1	4	J
14	611	3.1	40	J	9.2	13	136	-5.6	5.7	0.0	5	J
15					8.4	8	133	-5.3	5.8	-0.5	3	J
16	552	4.3	200	J	7.9	7	139	-5.8	5.1	-0.2	2	J
17	507	7.0	205	J	7.3	0	165	-6.8	1.8	-0.3	2	J
18	544	3.0	40	J	6.5	7	168	-6.0	1.3	0.6	2	J
19	547	2.7	64	J	5.5	8	168	-4.8	1.1	0.7	2	J
20	545	2.6	91	J	5.2	7	166	-4.8	1.2	0.6	2	J
21	534	2.6	84	J	5.0	10	172	-4.7	0.6	0.9	1	J
22	521	2.6	91	J	5.3	6	165	-5.0	1.3	0.6	1	J
23	490	3.7	158	J	5.4	-4	167	-5.2	1.2	-0.3	1	J
24	513	4.0	119	J	6.4	-4	155	-5.7	2.7	-0.3	1	J

JUL. 11, 1991 (192)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	539	3.9	32	J	7.4	-6	133	-4.8	5.2	-0.5	2	J
2	508	4.0	74	J	6.9	17	141	-5.1	4.1	2.0	1	J
3	513	4.7	122	J	6.4	1	126	-3.5	4.8	-0.1	2	J
4	545	3.7	17	J	7.0	4	105	-1.8	6.7	-0.1	1	J
5	549	4.5	27	J	7.5	5	96	-0.8	7.3	-0.3	2	J
6	549	4.3	20	J	7.3	-18	101	-1.3	6.1	-3.4	1	J
7	523	5.0	80	J	6.7	-28	131	-3.8	3.5	-4.0	1	J
8	526	5.2	92	J	6.7	-40	155	-4.2	0.8	-4.2	3	J
9	528	5.5	110	J	6.3	-41	197	-4.1	-2.4	-3.2	3	J
10	547	6.2	97	J	5.8	0	110	-1.4	3.6	-1.3	4	J
11	544	6.5	96	J	6.0	-2	123	-1.8	2.5	-1.1	5	J
12	543	5.8	93	J	6.2	-22	156	-2.6	0.7	-1.5	5	J
13	528	5.9	126	J	6.6	21	124	-3.0	4.8	0.4	3	J
14	560	5.5	94	J	6.6	1	87	0.3	5.6	-1.8	3	J
15	554	5.5	96	J	6.2	0	85	0.5	5.3	-1.5	3	J
16	544	5.8	151	J	6.1	-12	96	-0.5	4.8	-2.2	3	J
17	518	5.4	129	J	5.9	24	135	-3.2	3.5	1.5	3	J
18	525	5.6	141	J	6.0	16	119	-2.2	4.2	0.9	4	J
19	522	5.7	108	J	6.1	26	137	-3.7	3.6	2.3	2	J
20	525	5.1	91	J	6.1	19	130	-3.4	4.1	1.8	3	J
21	531	4.7	115	J								
22	524	4.2	114	J	6.4	-12	147	-4.3	2.8	-0.9	4	J
23	523	4.2	194	J	5.6	-4	171	-4.2	0.7	-0.3	4	J
24	517	4.8	207	J	6.1	20	200	-4.9	-1.9	1.8	3	J

JUL. 12, 1991 (193)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	528	4.2	192	J	5.5	-29	179	-3.7	0.1	-2.0	4	J
2	525	4.7	184	J	5.3	-18	175	-3.9	0.3	-1.3	3	J
3	513	4.3	89	J	5.8	-24	181	-5.0	-0.2	-2.2	2	J
4	526	4.1	123	J	5.4	0	151	-2.8	1.5	-0.1	4	J
5	519	3.8	136	J	5.3	-19	150	-3.5	1.8	-1.7	3	J
6												
7												
8												
9												
10												
11												
12												
13	682	15.0	628	J								
14	672	14.2	592	J								
15	669	14.8	528	J								
16	657	13.5	576	J								
17	645	15.3	514	J								
18	638	15.9	420	J								
19	639	18.6	250	J								
20	625	17.6	213	J								
21	614	16.4	231	J								
22	609	16.5	257	J								
23	603	15.4	170	J								
24	586	16.5	143	J								

JUL. 13, 1991 (194)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	588	17.6	146	J								
2	582	18.4	139	J								
3	571	19.5	135	J								
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

JUL. 19, 1991 (200)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3	586	3.3	87	J	11.0	-9	343	9.2	-2.9	-1.3	5	J
4	630	3.7	157	J	11.1	-31	307	4.9	-7.1	-4.0	6	J
5	618	3.5	146	J	10.6	-11	318	6.4	-6.0	-0.6	6	J
6	599	3.7	113	J	10.7	-25	351	8.3	-2.2	-3.5	5	J
7	621	4.2	140	J	10.2	-7	341	6.0	-2.2	-0.2	8	J
8	632	4.2	129	J	10.6	23	301	4.6	-6.1	6.1	4	J
9	604	4.7	109	J	10.3	-19	331	7.8	-5.1	-1.3	4	J
10	660	5.2	183	J	10.4	34	295	3.3	-4.5	7.7	4	J
11	610	5.2	124	J	9.9	0	313	5.7	-5.6	2.5	5	J
12	614	5.3	136	J	9.9	-25	312	4.4	-5.7	-0.9	7	J
13	644	6.1	168	J	10.5	6	284	2.1	-7.3	4.0	6	J
14	583	6.7	222	J	10.2	24	317	5.8	-3.8	5.3	5	J
15	585	7.0	233	J	10.2	-37	326	5.9	-5.5	-3.8	5	J
16	650	6.5	152	J	9.9	-49	291	2.0	-6.8	-4.8	5	J
17												
18												
19												
20												
21												
22												
23												
24												

JUL. 20, 1991 (201)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2	583	7.7	225	J	10.6	10	336	9.1	-4.0	2.0	3	J
3	587	6.8	203	J	10.7	0	321	7.5	-6.0	0.5	5	J
4	597	7.0	236	J	10.4	7	320	7.1	-5.7	1.9	4	J
5	593	6.6	245	J	9.9	-16	329	7.2	-4.7	-1.5	5	J
6	603	5.2	272	J	9.8	-32	337	6.9	-4.0	-3.9	4	J
7	595	5.1	251	J	9.9	-29	351	7.9	-2.5	-3.9	4	J
8	613	5.4	193	J	10.1	-45	306	4.1	-7.7	-4.7	2	J
9	615	5.0	171	J	10.2	-34	2	8.2	-1.8	-5.3	2	J
10	581	5.5	195	J	8.9	-15	350	7.7	-2.1	-1.4	4	J
11	582	6.7	151	J	8.9	13	304	4.5	-5.3	4.4	3	J
12	574	6.8	126	J	8.5	13	312	5.0	-4.3	3.8	4	J
13	599	7.4	177	J	8.8	26	304	3.6	-3.7	5.0	5	J
14	618	7.2	261	J	7.5	-54	350	3.0	-2.0	-3.6	6	J
15	642	7.4	292	J	7.3	34	289	0.9	-1.8	2.5	7	J
16	645	7.7	322	J	7.7	50	325	2.6	-0.7	4.1	6	J
17	647	6.8	255	J	7.7	5	54	3.3	4.5	-0.5	5	J
18	638	6.6	253	J	7.7	-25	3	6.1	-0.1	-2.8	4	J
19	618	5.8	133	J	7.2	16	321	4.7	-3.6	2.1	3	J
20	643	6.0	175	J	7.8	40	297	2.3	-4.3	4.5	4	J
21	650	6.0	177	J	8.1	-1	279	1.0	-6.0	0.0	5	J
22	645	5.7	182	J	7.7	28	307	2.8	-3.7	2.4	6	J
23	624	5.5	174	J	7.3	-6	335	4.3	-2.0	-0.5	5	J
24	639	4.7	163	J	7.5	41	332	4.2	-2.2	4.1	4	J

JUL. 21, 1991 (202)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	636	4.6	191	J	7.6	15	323	4.6	-3.4	1.6	5	J
2	658	4.8	233	J	7.6	-20	299	2.9	-5.4	-1.9	4	J
3	663	4.5	180	J	7.8	-59	306	2.1	-3.4	-5.5	4	J
4	654	4.3	171	J	7.7	-56	314	2.9	-3.8	-5.6	2	J
5												
6	637	4.7	138	J	7.6	-25	324	4.7	-4.0	-1.8	4	J
7	621	4.4	79	J	7.6	9	339	6.1	-1.9	1.7	4	J
8	637	4.6	107	J	7.7	19	357	5.6	0.4	1.9	5	J
9	621	4.5	83	J	7.7	23	341	6.1	-0.9	3.3	3	J
10	641	4.8	148	J	7.5	26	345	5.3	-0.2	3.0	4	J
11	645	4.6	182	J	7.2	-25	309	3.8	-5.5	-0.7	3	J
12	633	4.7	222	J	7.4	-9	341	5.8	-2.2	-0.1	4	J
13	651	4.3	159	J	7.3	-44	334	3.7	-3.2	-2.9	4	J
14	632	3.9	135	J	7.4	3	328	5.4	-3.0	1.6	4	J
15	630	3.9	114	J	7.5	20	324	5.3	-2.8	3.5	2	J
16	623	3.9	110	J	7.4	-1	331	5.5	-3.0	0.8	4	J
17	621	3.9	74	J	7.5	10	334	5.8	-2.5	1.7	4	J
18	612	4.1	76	J	7.2	-1	338	6.0	-2.4	0.3	3	J
19	625	4.4	100	J	7.6	-14	338	5.4	-2.3	-1.2	5	J
20	631	4.6	81	J	7.9	-17	340	5.5	-2.1	-1.7	5	J
21	636	4.8	132	J	7.5	13	353	4.9	-0.6	1.2	5	J
22	628	5.0	102	J	7.6	-33	14	5.5	1.4	-3.7	3	J
23	624	4.9	111	J	7.3	-13	355	5.8	-0.5	-1.3	4	J
24												

91-07-22 - 91-08-02

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					JUL. 22, 1991 (203)							
1												
2					7.1	12	315	2.8	-2.7	1.0	6	J
3	599	5.0	122	J	7.1	-5	12	5.9	1.2	-0.7	4	J
4	600	4.7	155	J	7.1	15	14	5.3	1.5	1.3	4	J
5					7.3	-12	319	4.4	-4.0	-0.4	4	J
6	606	5.2	170	J	7.2	-48	321	3.2	-3.7	-3.8	4	J
7	614	4.9	145	J	7.1	-15	303	3.2	-5.1	0.0	4	J
8	575	4.7	117	J	7.8	-14	334	6.7	-3.7	-0.6	1	J
9	572	4.5	116	J	7.3	-9	349	6.7	-1.6	-0.5	2	J
10	630	5.4	104	J	7.7	-17	298	2.7	-5.4	0.4	5	J
11	603	5.6	128	J	6.8	5	342	4.9	-1.3	1.1	4	J
12	639	5.6	119	J	7.1	1	300	2.4	-3.7	1.8	5	J
13	651	5.5	116	J	7.3	-15	259	-1.2	-6.2	0.9	3	J
14	626	5.0	99	J	7.0	-17	284	1.5	-6.2	0.5	3	J
15	622	5.1	158	J	6.7	3	301	2.4	-3.7	1.6	5	J
16	620	4.9	155	J	6.6	-3	302	2.9	-4.5	1.1	4	J
17	594	4.9	145	J	6.6	-18	337	5.2	-2.6	-1.3	3	J
18	608	4.9	127	J	6.9	5	301	3.1	-5.0	1.4	3	J
19	602	4.6	150	J	6.7	4	310	3.1	-3.7	0.8	5	J
20					6.4	3	342	5.4	-1.7	0.4	3	J
21					6.3	8	333	4.4	-2.2	0.8	4	J
22	607	4.2	125	J	6.5	15	357	5.4	-0.3	1.5	3	J
23	629	5.2	148	J	7.1	-46	337	3.1	-1.3	-3.4	5	J
24					7.0	-13	297	2.6	-5.1	-1.2	4	J
					JUL. 24, 1991 (205)							
1	526	8.2	28	J	8.0	20	354	7.4	-0.7	2.7	1	J
2	524	8.3	27	J	8.3	26	354	7.4	-0.5	3.7	1	J
3	518	8.3	34	J	8.2	14	359	7.6	0.1	1.9	2	J
4	512	8.2	39	J	9.1	16	8	8.5	1.6	2.2	2	J
5												
6												
7												
8												
9												
10												
11												
12	472	6.0	36	J	6.3	8	301	3.1	-4.3	3.0	1	J
13	479	5.9	25	J	6.3	-14	280	1.0	-5.6	1.0	2	J
14	492	6.0	28	J	6.9	4	256	-1.6	-5.6	2.9	2	J
15	477	6.1	22	J	6.8	-7	281	1.3	-6.4	1.5	1	J
16	450	5.9	34	J	6.6	-23	313	3.8	-4.6	-1.0	2	J
17	457	5.3	47	J	5.6	-31	323	3.6	-3.3	-2.0	2	J
18	452	4.8	36	J	5.7	-15	336	4.9	-2.4	-1.0	1	J
19	443	4.9	50	J	5.7	-19	357	5.1	-0.5	-1.7	2	J
20	449	5.3	47	J	5.8	-29	340	4.4	-1.8	-2.4	3	J
21	449	5.3	72	J	5.2	3	350	4.1	-0.7	0.3	3	J
22	444	5.1	62	J	5.7	-12	358	5.3	-0.2	-1.1	2	J
23	451	5.1	78	J	6.1	-11	23	5.2	2.2	-1.2	1	J
24	451	4.4	66	J	5.3	7	21	4.5	1.8	0.5	2	J
					JUL. 26, 1991 (207)							
1	415	8.5	23	J	7.2	13	305	4.0	-5.6	1.9	2	J
2	411	8.6	15	J	6.5	6	306	3.8	-5.2	1.1	1	J
3	410	11.3	17	J	6.3	6	283	1.3	-5.4	1.3	3	J
4	412	11.1	20	J	5.9	9	274	0.4	-4.8	1.7	3	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					AUG. 1, 1991 (213)							
1	332	8.9	29	J	11.1	-13	129	-6.3	7.5	-3.0	4	J
2	319	7.7	22	J	11.1	12	136	-7.4	7.3	1.3	3	J
3	327	7.5	24	J	11.0	11	129	-6.4	8.1	0.7	3	J
4	330	8.1	34	J	11.1	24	146	-8.0	6.2	3.1	3	J
5	323	7.6	37	J	10.8	-3	145	-8.3	5.5	-2.0	3	J
6	329	8.5	67	J	10.8	1	149	-8.7	5.1	-1.4	3	J
7	341	8.6	56	J	11.8	1	149	-9.5	5.4	-1.8	4	J
8	350	10.0	74	J	12.7	18	138	-8.6	8.6	0.4	3	J
9	394	9.9	67	J	12.6	34	246	-2.9	-3.9	7.2	9	J
10	422	10.7	59	J	13.6	9	264	-1.1	-9.0	6.5	8	J
11	342	9.8	43	J	14.3	-10	179	-13.2	-0.9	-2.2	5	J
12	336	11.0	45	J	16.1	-12	167	-15.2	1.6	-4.5	2	J
13	335	11.0	48	J	16.2	-2	158	-14.7	5.1	-3.2	2	J
14	352	14.1	75	J	19.2	10	146	-15.0	10.5	-1.4	5	J
15	362	16.0	100	J	21.2	12	144	-16.3	12.6	-0.6	4	J
16	378	13.9	114	J	20.6	-19	140	-14.4	9.2	-10.2	5	J
17	402	12.9	213	J	19.5	-27	136	-12.2	8.8	-11.6	4	J
18	390	13.5	439	J	20.0	9	146	-15.3	10.7	0.5	7	J
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					JUL. 23, 1991 (204)							
1	614	4.5	68	J	6.8	8	324	3.8	-2.8	0.8	5	J
2	603	4.6	117	J	6.8	30	350	4.7	-0.6	2.8	4	J
3	625	4.4	104	J	6.7	-7	304	3.2	-4.7	-0.2	4	J
4												
5												
6												
7	576	4.1	107	J	6.9	0	345	6.1	-1.6	0.5	3	J
8	557	4.6	141	J	7.0	0	344	6.3	-1.7	0.6	2	J
9	557	4.0	73	J	7.5	-7	326	5.9	-4.0	0.7	2	J
10	545	3.5	43	J	7.6	-6	340	7.0	-2.6	0.3	1	J
11	553	3.8	49	J	7.6	-12	333	6.2	-3.5	0.0	3	J
12	584	3.7	63	J	7.9	-26	292	2.0	-5.6	-0.3	5	J
13	587	4.4	114	J	6.4	-16	272	0.2	-4.7	0.7	4	J
14	582	4.9	123	J	6.3	-19	262	-0.7	-5.4	0.3	3	J
15												
16												
17												
18												
19												
20												
21												
22	542	8.6	48	J	7.9	23	359	7.2	-0.1	3.0	1	J
23	537	8.6	49	J	7.8	34	1	6.4	0.2	4.3	1	J
24	532	7.9	29	J	7.9	35	356	6.3	-0.3	4.4	2	J
					JUL. 25, 1991 (206)							
1	447	4.4	54	J	5.6	-7	3	5.2	0.2	-0.6	2	J
2	465	4.6	61	J	5.8	22	356	4.2	-0.2	1.7	4	J
3	447	5.2	65	J	5.4	26	14	4.1	1.3	1.9	3	J
4	439	5.8	96	J	5.0	14	349	4.3	-0.6	1.2	2	J
5	460	6.3	86	J	5.6	54	320	2.3	-1.0	4.4	2	J
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	485	7.7	87	J	10.7	-36	324	6.9	-6.9	-4.0	2	J
16					15.1	5	318	10.9	-8.9	4.2	8	J
17					24.7	-11	327	20.3	-13.9	-1.3	3	J
18					24.2	-11	331	20.8	-12.2	-2.3	1	J
19					23.1	-8	330	19.8	-11.8	-1.6	1	J
20					12.1	-9	320	8.9	-7.6	-1.2	7	J
21					8.1	-7	309	4.9	-6.1	-0.6	2	J
22	445	7.7	27	J	8.2	6	290	2.8	-7.5	1.1	1	J
23	444	7.8	21	J	8.0	9	290	2.6	-7.2	1.4	2	J
24	412	7.8	26	J	7.7	12	315	5.3	-5.2	1.8	1	J
					JUL. 31, 1991 (212)							
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	346	6.1	39	J								
14	347	7.1	67	J	7.2	-9	310	4.3	-5.0	1.2	2	J
15	333	6.9	60	J								
16												
17												
18												
19												
20												
21												
22												
23												
24												
					AUG. 2, 1991 (214)							
1	444	13.6	93	J	18.9	18	147	-14.8	10.1	4.8	3	J
2	451	13.9	109	J	17.7	21	145	-13.2	9.9	5.0	4	J
3	443	14.6	96	J	16.3	7	157	-14.5	6.4	0.9	4	J
4	448	13.4	83	J	18.3	21	146	-13.7	10.4	4.3	5	J
5	449	14.1	84	J	17.6	35	165	-13.2	5.9	8.3	5	J
6	469	14.8	132	J	20.3	-17	139	-13.1	9.2	-8.6	10	J
7	509	14.0	120	J	22.9	-31	127	-11.7	10.3	-16.5	3	J
8	495	12.1	108	J	21.2	-26	136	-13.3	8.2	-13.3	5	J
9	503	10.3	135	J	19.9	-19	138	-13.4	8.2	-10.8	5	J
10	516	10.9	186	J	18.2	-25	133	-10.8	6.9	-11.8	5	J
11	491	10.7	79	J	18.1	-25	140	-12.4	5.7	-11.6	2	J
12	494	11.2	94	J	16.8	-32	145	-11.3	3.0	-11.3	4	J
13	497	12.2	153	J	15.6	-21	142	-11.3	5.3	-8.9	3	J
14	517	11.3	172	J	15.3	-21	135	-9.4	6.3	-8.7	5	J
15	519	10.1	160	J	13.5	-19	144	-9.9	5.0	-6.7	4	J
16	518	10.6	183	J	12.3	-12	162	-10.7	2.4	-3.4	4	J
17	538	9.1	139	J	11.9	-6	146	-8.9	5.4	-2.8	5	J
18	552	9.6	107	J	11.8	3	128	-7.1	8.9	-1.5	3	J
19	565	9.1	136	J	9.2	33	130	-4.3	5.8	3.4	5	J
20	571	7.6	132	J	10.1	27	138	-6.3	6.2	3.5	3	J
21	573	9.5	235	J	9.0	17	149	-6.9	4.4	2.0	3	J
22	624	9.2	198	J	9.1	7	138	-5.2	4.7	0.5	6	J
23	670	7.2	306	J	5.8	-23	220	-3.0	-2.7	-1.5	4	J
24	654	7.6	283	J	5.7	-19	215	-3.9	-2.8	-1.4	3	J

91-08-03 - 91-08-15

AUG. 3, 1991 (215)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	686	6.8	236	J	7.0	-14	206	-6.0	-3.1	-1.4	2	J
2	682	5.0	165	J	6.8	7	167	-6.2	1.5	0.6	2	J
3	662	4.6	175	J	7.0	6	162	-6.3	2.1	0.3	2	J
4	640	6.5	191	J	6.9	25	133	-3.6	4.3	1.6	4	J
5	636	7.4	143	J	7.6	30	105	-1.4	5.8	1.6	4	J
6	607	7.5	187	J	7.9	0	132	-4.2	4.4	-1.5	5	J
7	627	7.8	173	J	8.2	11	114	-2.4	5.3	-0.9	6	J
8	643	8.4	213	J	7.7	61	106	-0.9	5.2	4.1	4	J
9	621	-8.5	201	J	8.0	-1	131	-4.7	4.8	-2.4	4	J
10	637	8.2	241	J	7.7	-19	129	-4.3	3.6	-4.5	3	J
11	623	7.0	144	J	7.8	0	151	-5.5	2.7	-1.4	5	J
12	616	7.0	171	J	8.8	-15	142	-6.1	3.2	-4.1	3	J
13	642	7.6	231	J	9.3	-35	126	-4.2	2.9	-7.2	3	J
14	649	8.1	215	J	10.8	-43	139	-5.2	1.3	-7.7	5	J
15	661	8.2	240	J	10.0	17	149	-4.8	3.3	0.4	8	J
16	671	7.9	240	J	11.6	10	115	-4.2	9.0	-1.5	6	J
17	642	7.5	216	J	10.4	3	147	-7.0	4.5	-0.9	6	J
18	662	7.7	227	J	11.3	37	152	-6.6	4.7	4.6	6	J
19	711	8.8	245	J	11.9	35	254	-2.1	-6.3	6.7	7	J
20	705	7.9	200	J	11.7	60	175	-3.4	1.1	5.8	10	J
21	731	7.9	292	J	12.2	38	48	4.1	5.0	4.2	9	J
22	634	8.3	129	J	12.1	-16	160	-10.8	3.7	-3.6	1	J
23	627	7.9	64	J	12.3	-24	165	-10.6	2.5	-5.1	3	J
24	630	6.9	132	J	11.7	-27	158	-9.2	3.3	-5.3	4	J

AUG. 4, 1991 (216)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	637	6.2	95	J	11.3	-29	144	-7.5	4.9	-5.7	4	J
2					10.0	-19	164	-8.2	1.9	-3.2	4	J
3												
4												
5	686	9.1	226	J	11.2	-2	103	-2.4	9.8	-3.1	3	J
6	689	8.5	202	J	11.2	-4	107	-2.8	8.6	-3.6	5	J
7	691	7.6	194	J	11.1	-5	107	-2.7	8.0	-4.0	6	J
8	690	6.8	235	J	10.3	12	113	-3.4	8.1	-1.6	5	J
9	702	6.3	223	J	10.6	29	116	-3.5	8.3	0.8	6	J
10					10.9	49	106	-2.0	9.8	4.1	1	J
11	702	6.2	204	J	10.6	56	105	-1.2	7.5	4.1	6	J
12	697	6.0	116	J	11.0	40	94	-0.6	10.6	2.2	2	J
13	660	5.6	176	J	10.9	33	109	-2.9	10.3	1.3	2	J
14	660	6.4	138	J	10.8	16	103	-2.3	10.2	-1.7	2	J
15	666	6.5	91	J	10.1	5	100	-1.6	8.6	-2.9	4	J
16	630	6.2	86	J	10.1	58	131	-2.7	5.3	5.1	6	J
17	615	6.0	71	J	10.2	37	131	-4.8	6.9	3.6	4	J
18	614	5.7	81	J	10.1	9	116	-4.1	8.5	-0.6	3	J
19	612	6.2	95	J	9.3	-38	125	-3.6	4.1	-5.8	5	J
20	596	6.3	102	J	9.0	-17	141	-6.1	4.5	-3.1	4	J
21	559	9.2	206	J	9.2	-4	150	-7.5	4.2	-1.1	3	J
22	546	6.7	217	J	9.1	-5	156	-7.6	3.3	-1.0	3	J
23	554	6.3	115	J	9.2	-12	164	-7.6	2.0	-1.9	4	J
24	551	6.9	126	J	9.3	-8	153	-7.9	3.9	-1.6	3	J

AUG. 5, 1991 (217)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	556	6.0	36	J	8.7	1	134	-5.5	5.7	-0.5	4	J
2	577	7.7	251	J	7.9	-26	161	-5.9	1.6	-3.3	4	J
3	591	7.4	257	J	7.0	-7	185	-5.3	-0.6	-0.6	4	J
4												
5												
6												
7												
8												
9												
10	601	7.6	209	J	7.3	-5	178	-4.1	0.0	-0.4	6	J
11	612	8.6	180	J	7.5	-4	215	-3.6	-2.4	0.9	6	J
12	606	8.4	181	J	7.8	14	219	-4.1	-2.3	2.7	5	J
13	602	8.0	161	J	8.0	34	198	-5.1	0.2	4.0	5	J
14	606	8.1	151	J	7.3	51	178	-3.1	1.8	3.4	5	J
15	588	7.7	124	J	8.1	19	152	-5.8	3.7	0.8	4	J
16	563	6.7	88	J	8.1	10	156	-6.7	3.3	0.1	3	J
17	555	6.3	52	J	8.0	6	162	-6.8	2.3	0.0	3	J
18	568	6.3	78	J	7.8	25	145	-5.3	4.4	2.0	3	J
19	577	6.0	104	J	7.6	30	131	-4.0	5.2	2.6	2	J
20					7.6	43	158	-4.4	2.4	4.1	4	J
21	618	9.6	245	J	7.9	46	135	-3.1	3.6	4.1	5	J
22	658	11.9	378	J	11.8	4	116	-4.3	8.8	-0.1	7	J
23	629	10.4	376	J	11.8	-14	140	-8.2	6.6	-3.2	4	J
24	611	8.7	213	J	13.8	-40	157	-8.7	2.9	-8.2	6	J

AUG. 6, 1991 (218)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	636	10.8	262	J	12.1	-26	131	-6.4	6.7	-5.5	5	J
2	634	7.8	209	J	13.2	-14	128	-7.8	9.4	-4.5	3	J
3	616	6.7	167	J	13.2	-14	132	-8.3	8.5	-4.7	3	J
4	617	7.4	151	J	13.1	-21	130	-7.7	7.9	-6.6	2	J
5												
6												
7												
8												
9												
10												
11												
12												
13	581	7.1	31	J	9.7	-2	80	1.7	8.2	-4.7	2	J
14	581	7.1	40	J	9.4	2	90	0.0	8.4	-3.8	2	J
15	500	17.0	941	J	8.9	-1	113	-3.4	7.2	-3.4	2	J
16	539	6.3	25	J	8.4	-2	110	-2.8	7.1	-3.0	2	J
17	524	6.2	43	J	7.9	-9	125	-4.4	5.6	-3.1	1	J
18	521	5.1	61	J	7.7	8	140	-5.7	4.9	-0.2	2	J
19	532	6.3	42	J	8.7	6	128	-5.1	6.6	-0.4	2	J
20	534	6.4	46	J	8.5	6	129	-5.3	6.6	-0.1	1	J
21					7.7	25	103	-1.6	7.1	2.4	1	J
22	529	6.8	23	J	8.6	23	100	-1.3	7.9	2.5	2	J
23	490	10.2	87	J	8.9	30	102	-1.6	7.7	3.7	2	J
24	496	7.2	12	J	9.3	26	113	-3.2	7.8	3.2	2	J

AUG. 7, 1991 (219)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	493	9.0	37	J	9.4	5	119	-4.4	8.1	-0.1	2	J
2	496	7.2	21	J	9.0	-6	115	-3.6	7.5	-2.0	3	J
3	496	8.1	24	J	8.7	-23	121	-3.8	5.6	-4.3	3	J
4					8.6	-42	148	-5.4	1.9	-6.3	1	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

AUG. 13, 1991 (225)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8					12.8	14	293	4.7	-8.7	7.7	1	J
9					13.6	14	293	4.9	-8.7	8.3	2	J
10					12.7	17	288	3.6	-7.8	8.5	3	J
11					15.5	28	285	2.7	-6.0	10.0	11	J
12	428	13.2	29	J	11.6	-5	303	6.1	-8.6	3.9	2	J
13	442	9.7	17	J	11.4	0	305	6.3	-7.8	4.5	2	J
14	437	8.0	24	J	10.8	-4	318	7.8	-6.5	2.6	2	J
15	440	5.4	15	J	10.6	-2	341	9.7	-3.2	1.1	2	J
16	447	6.3	19	J	11.0	-16	330	8.6	-5.7	-0.7	4	J
17												
18												
19												
20												
21												
22												
23												
24	440	4.2	28	J	9.0	-1	340	8.2	-3.0	0.2	1	J

AUG. 14, 1991 (226)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	437	3.9	19	J	9.8	9	342	9.0	-2.7	1.9	1	J
2	447	3.8	21	J	10.7	12	337	9.4	-3.5	2.8	2	J
3	442	3.8	27	J	10.5	4	333	9.1	-4.4	1.7	2	J
4	436	4.1	28	J	10.7	6	332	9.1	-4.4	2.3	2	J
5	421	5.9	34	J	10.5	-4	340	9.5	-3.5	0.4	3	J
6	438	5.5	33	J	11.9	4	326	9.5	-5.7	3.1	2	J
7	453	4.3	36	J	13.2	-15	326	10.4	-7.8	-0.2	1	J
8	441	6.3	49	J	12.4	-15	329	9.9	-6.7	-0.1	3	J
9	437	6.1	49	J	11.9	-6	334	10.1	-4.9	1.3	4	J
10	456	6.5	69	J	12.3	26	321	8.5	-3.3	8.0	2	J
11	484	6.2	68	J	13.4	22	325	9.7	-3.4	7.6	4	J
12	495	6.8	84	J	12.7	29	326	9.0	-2.1	8.3	3	J
13	484	7.1	131	J	11.3	12	317	7.4	-4.9	5.3	5	J
14	485	8.0	134	J	11.5	1	326	8.5	-5.0	2.9	5	J
15	502	7.9	119	J	10.9	-5	328	8.3	-5.0	1.5	5	J
16	501	6.9	100	J	10.4	9	337	8.7	-2.8	2.8	4	J
17	530	6.7	286	J	10.7	-28	306	5.1	-8.2	-2.0	4	J
18	553	6.2	290	J	10.1	-53	282	1.2	-7.6	-5.7	3	J
19	535	6.1	271	J	9.9	-40	314	4.8	-6.2	-4.5	4	J
20	528	6.5	261	J	10.6	-13	335	9.0	-4.6	-1.5	3	J
21	578	5.3	309	J	12.7	-28	325	8.5	-6.7	-4.5	5	J
22	606	5.0	328	J	13.3	-41	325	8.0	-6.7	-7.7	3	J
23	621	4.5	385	J	13.6	-36	321	8.2	-7.6	-6.8	4	J
24	634	3.8	451	J	13.1	-20	324	8.8	-6.9	-3.1	6	J

AUG. 15, 1991 (227)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	654	4.0	432	J	14.4	-4	327	10.6	-7.0	0.2	7	J
2	663	4.3	415	J	15.4	-10	324	10.8	-8.1	-0.9	7	J
3	657	4.3	371	J	15.2	-1	323	10.6	-7.9	1.6	7	J
4	654	4.6	389	J	14.5	4	333	11.3	-5.3	2.4	7	J
5	698	4.7	559	J	13.6	-16	339	11.1	-5.1	-1.9	6	J
6	707	4.7	485	J	14.2	-10	323	10.5	-8.2	0.7	5	J
7	704	4.7	378	J	14.0	3	345	12.6	-2.8	2.0	5	J
8	731	4.8	685	J	14.4	-15	321	9.8	-8.6	0.6	6	J
9	738	4.6	529	J	15.3	-18	310	8.8	-11.3	1.2	5	J
10	722	4.8	492	J	14.9	-5	321	10.6	-8.0	3.3	6	J
11	720	5.1	642	J	15.2	-5	323	10.7	-7.5	3.2	7	J
12	720	4.2	614	J	14.7	0	313	8.9	-8.2	4.9	7	J
13	792	3.1	483	J	9.3	-4	327	5.4	-3.2	1.4	7	J
14	785	2.4	255	J	8.7	3	353	6.7	-0.6	0.7	5	J
15	801	2.5	328	J	9.0	1	18	7.1	2.1	-0.9	5	J
16	775	2.8	337	J	8.5	0	356	7.0	-0.4	0.2	5	J
17	761	2.5	206	J	9.0	7	348	8.1	-1.3	1.5	4	J
18	797	2.4	340	J	8.7	-22	327	5.4	-4.1	-1.5	5	J
19	774	2.4	248	J	8.6	-12	360	7.2	-0.4	-1.5	4	J
20	802	2.3	323	J	8.7	-11	311	5.2	-6.2	-0.4	3	J
21	778	2.2	206	J	8.8	-10	329	7.2	-4.5	-0.8	2	J
22	787	1.9	195	J	8.8	-4	330	7.2	-4.2	0.0	3	J
23	796	1.9	240	J	8.9	-11	317	6.1	-5.9	-0.9	3	J
24	831	1.9	329	J	9.1	-19	312	4.8	-5.6	-1.7	5	J

91-08-16 - 91-08-28

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					AUG. 16, 1991	(228)						
1	809	1.8	286	J	9.1	-1	320	6.4	-5.4	0.7	3	J
2	820	1.5	274	J	8.9	-22	323	6.0	-5.0	-2.1	4	J
3	842	1.7	369	J	9.0	-18	324	5.6	-4.5	-1.3	5	J
4	843	1.8	417	J	9.3	-12	309	5.2	-6.7	0.1	4	J
5	815	1.6	254	J	9.2	12	325	6.6	-3.8	3.1	4	J
6	822	1.7	353	J	9.3	16	329	6.5	-2.8	3.5	5	J
7	824	1.5	306	J	8.8	20	326	6.2	-2.7	4.2	4	J
8	841	1.4	305	J	9.0	-2	317	6.0	-5.1	2.3	4	J
9					9.5	15	325	6.6	-3.0	4.2	5	J
10	792	1.5	241	J	10.0	0	324	7.6	-4.8	2.8	3	J
11	783	1.7	244	J	10.2	12	340	9.0	-1.8	3.4	3	J
12	786	1.5	306	J	9.1	32	332	6.1	-0.5	5.3	4	J
13					9.6	4	336	6.3	-2.2	1.8	7	J
14					9.5	6	326	6.8	-3.6	3.0	5	J
15	829	1.9	537	J	10.8	-5	285	2.5	-8.7	3.4	5	J
16	766	2.2	491	J	10.8	16	310	6.0	-5.5	5.3	5	J
17	725	2.5	453	J	12.0	8	315	7.8	-6.8	4.1	4	J
18	768	2.2	424	J	13.1	3	288	3.8	-11.0	4.0	4	J
19	777	1.9	386	J	10.7	1	291	3.7	-9.3	2.5	3	J
20	767	1.6	235	J	8.7	8	317	5.1	-4.5	1.9	5	J
21	739	2.0	220	J	8.8	10	321	6.0	-4.6	2.2	4	J
22	728	2.3	255	J	8.4	-26	337	6.5	-3.2	-3.0	3	J
23	720	2.2	189	J	8.0	-5	349	7.3	-1.5	-0.5	3	J
24	737	2.2	178	J	8.7	12	340	6.8	-2.2	1.9	5	J
					AUG. 17, 1991	(229)						
1	720	2.0	126	J	8.6	7	337	7.3	-2.9	1.5	3	J
2	714	2.0	134	J	8.6	14	354	7.9	-0.4	2.1	3	J
3												
4												
5												
6												
7	667	1.4	38	J	7.2	3	352	6.6	-0.7	0.7	3	J
8	663	1.6	52	J	6.9	-1	1	6.6	0.0	-0.2	2	J
9	658	1.9	65	J	7.8	-20	360	7.0	-1.3	-2.2	2	J
10	651	2.2	70	J	8.6	-17	357	7.8	-1.6	-1.9	2	J
11	639	2.6	126	J	7.2	17	17	6.3	2.7	0.7	2	J
12	643	3.1	150	J	7.8	13	356	6.7	0.4	1.6	4	J
13	635	2.5	126	J	6.9	23	6	5.9	1.8	1.8	3	J
14	618	2.5	102	J	6.4	6	0	6.1	0.3	0.6	2	J
15	623	2.5	89	J	6.5	-12	359	5.7	-0.6	-1.0	3	J
16	623	2.8	105	J	6.7	-20	5	5.2	-0.3	-1.9	4	J
17	635	2.7	97	J	6.8	5	343	5.0	-1.3	1.0	4	J
18	623	2.6	85	J	6.8	-31	341	5.1	-2.6	-2.6	3	J
19	617	2.4	79	J	6.6	-25	359	5.4	-0.7	-2.4	3	J
20	612	2.4	58	J	6.6	1	8	5.8	0.8	-0.1	3	J
21	622	2.4	85	J	6.5	20	357	5.0	0.0	1.8	4	J
22	614	2.2	78	J	6.4	3	108	-1.7	5.3	-0.5	3	J
23	596	2.1	71	J	6.8	-21	185	-4.8	-0.7	-1.8	4	J
24					5.5	-4	355	5.2	-0.5	-0.3	2	J
					AUG. 18, 1991	(230)						
1	607	2.2	73	J	6.5	-14	335	4.7	-2.4	-0.9	4	J
2					6.1	0	341	4.8	-1.6	0.3	3	J
3	577	2.1	66	J	6.3	-18	353	5.7	-1.1	-1.6	2	J
4	575	2.2	63	J	6.5	6	347	5.9	-1.1	1.0	2	J
5	564	2.3	67	J	6.7	1	355	6.3	-0.5	0.3	2	J
6	554	2.7	95	J	6.7	-1	344	6.1	-1.6	0.6	2	J
7	572	2.4	88	J	6.4	15	325	4.7	-2.3	2.8	2	J
8	557	2.3	47	J	6.5	18	340	5.3	-0.9	2.5	3	J
9	544	2.1	23	J	6.5	-4	345	6.0	-1.6	0.4	2	J
10	541	2.0	33	J	6.0	-9	343	5.5	-1.9	0.1	2	J
11	533	2.1	41	J	5.9	3	356	5.5	-0.2	0.4	2	J
12	536	2.0	55	J	6.0	-28	5	4.7	-1.0	-2.3	3	J
13	525	2.2	86	J	5.6	-19	4	5.0	-0.6	-1.7	2	J
14	531	2.3	100	J	5.8	-7	336	4.7	-2.1	0.5	3	J
15	522	2.8	193	J	5.9	-12	348	5.1	-1.5	-0.5	2	J
16	522	2.8	151	J	5.8	-5	11	4.7	0.7	-0.8	3	J
17	532	2.8	159	J	5.5	19	17	4.5	1.9	1.0	2	J
18	553	2.6	89	J	5.5	50	2	2.9	1.1	3.3	3	J
19	652	6.0	280	J	10.5	51	282	1.1	-3.3	7.5	8	J
20	740	9.2	610	J	17.6	4	281	2.8	-13.8	3.9	10	J
21	729	6.8	518	J	18.9	-16	284	4.0	-16.8	-1.9	8	J
22	744	11.7	600	J	14.5	-1	272	0.5	-14.1	1.9	3	J
23	748	12.0	458	J	13.5	37	272	0.3	-8.7	8.7	6	J
24	722	10.5	483	J	15.5	-8	278	2.1	-14.9	0.1	4	J
					AUG. 19, 1991	(231)						
1	710	8.8	346	J	18.3	-14	280	3.1	-17.9	-1.4	2	J
2	682	9.8	240	J	19.4	-20	283	4.1	-18.6	-3.0	2	J
3	680	10.1	201	J	19.6	-16	290	6.1	-17.4	-1.0	6	J
4												
5												
6					19.3	-75	254	-1.4	-11.5	-15.4	1	J
7	725	24.9	38	J	19.4	-80	216	-2.7	-9.7	-16.1	3	J
8	649	15.1	337	J	19.7	-68	140	-5.5	-4.1	-17.7	5	J
9					24.8	-81	207	-3.1	-12.3	-18.4	14	J
10					17.8	-34	275	1.2	-16.9	-0.9	6	J
11	604	25.2	12	J	17.2	-17	285	4.2	-16.0	4.0	2	J
12					17.5	-18	286	4.6	-16.4	3.8	2	J
13					17.4	-7	283	3.8	-15.4	6.7	3	J
14												
15					20.3	33	295	7.2	-8.7	16.7	3	J
16	537	31.0	791	J	20.2	35	308	10.0	-7.1	15.6	4	J
17	554	17.1	42	J	20.2	44	329	12.3	-2.0	15.6	2	J
18	547	18.7	121	J	19.9	45	340	13.2	-0.3	14.8	2	J
19												
20												
21												
22												
23												
24												
					AUG. 25, 1991	(237)						
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24	374	9.2	63	J	7.2	48	323	3.2	-1.6	4.8	4	J
					AUG. 26, 1991	(238)						
1	400	8.4	34	J	7.7	82	338	0.8	0.9	6.4	4	J
2	388	8.7	76	J	7.5	43	333	3.3	-0.9	3.7	6	J
3	401	8.2	79	J	7.7	13	94	-0.2	3.6	-0.1	7	J
4	405	8.6	115	J	6.8	-20	73	0.7	2.0	-1.6	6	J
5	400	8.0	122	J	6.6	-14	292	1.8	-4.5	0.5	4	J
6	387	6.4	93	J	6.6	-11	297	2.5	-4.8	1.0	4	J
7	385	6.0	110	J	6.5	-8	302	3.1	-4.8	1.5	3	J
8	400	5.9	116	J	6.1	1	342	2.9	-0.8	0.5	5	J
9	389	4.9	94	J	6.9	13	324	5.0	-2.4	3.1	3	J
10	394	4.4	84	J	7.6	19	318	4.6	-2.4	4.0	4	J
11	403	4.2	90	J	7.3	-35	308	2.9	-5.0	-0.8	4	J
12	407	4.0	81	J	7.8	-21	290	2.2	-6.5	1.2	3	J
13	415	3.9	92	J	7.2	17	285	1.4	-3.5	4.0	5	J
14	399	4.0	74	J	7.1	19	304	3.5	-3.4	4.5	3	J
15	392	4.2	66	J	7.2	1	319	4.7	-3.5	2.0	3	J
16	396	4.4	78	J	7.3	-11	314	4.2	-4.4	0.8	4	J
17	386	4.3	69	J	7.2	-15	318	5.0	-4.9	0.0	1	J
18												
19												
20												
21												
22												
23	345	10.9	34	J	7.0	-3	16	6.3	1.7	-0.6	2	J
24	347	11.3	38	J	7.2	-29	4	6.0	-0.2	-3.4	2	J
					AUG. 27, 1991	(239)						
1	343	11.6	40	J	7.1	-38	324	4.5	-4.0	-3.6	1	J
2	340	11.8	26	J	7.0	-40	326	4.4	-3.9	-3.7	1	J
3	336	11.8	14	J	7.4	-35	333	5.4	-3.8	-3.4	1	J
4	333	12.1	18	J	7.6	-33	339	6.0	-3.5	-3.2	1	J
5	334	12.9	15	J	7.7	-41	328	4.8	-4.6	-3.5	2	J
6	337	15.1	15	J	7.8	-57	321	3.3	-5.1	-4.9	1	J
7					7.3	-45	321	3.9	-5.1	-3.1	2	J
8	350	21.1	38	J	5.4	-65	269	0.0	-3.7	-2.7	3	J
9	343	20.6	24	J	5.7	-67	198	-2.1	-3.2	-4.1	2	J
10	334	21.5	25	J	3.8	-28	146	-2.5	0.6	-2.2	2	J
11	335	24.0	27	J	6.2	-13	126	-3.2	3.0	-3.5	2	J
12	337	23.5	26	J	5.7	-2	105	-1.4	4.4	-3.1	1	J
13	333	26.6	29	J	4.8	12	108	-1.4	4.2	-1.5	1	J
14	321	21.6	18	J	7.2	0	146	-5.7	3.3	-1.9	2	J
15	327	19.4	22	J	7.7	8	155	-6.1	3.0	-0.5	3	J
16	432	34.5	147	J	21.4	34	123	-8.8	17.0	4.1	11	J
17	455	27.8	171	J	27.7	6	121	-13.4	21.7	-5.8	9	J
18					27.0	-25	122	-12.2	15.0	-16.5	9	J
19	455	21.8	618	J	22.4	11	127	-11.6	15.8	-0.6	11	J
20	447	22.1	485	J	21.7	10	130	-11.4	13.9	-0.1	12	J
21	450	22.4	407	J	22.3	-2	122	-9.9	15.4	-3.8	12	J
22	450	22.9	296	J	21.1	-14	125	-11.3	15.0	-7.7	6	J
23	449	20.9	250	J	18.8	14	128	-10.3	13.7	1.8	7	J
24	468	18.8	167	J	18.1	0	105	-4.2	15.6	-2.8	8	J
					AUG. 28, 1991	(240)						
1	456	18.1	178	J	16.4	14	109	-4.8	14.3	0.8	6	J
2	453	16.9	177	J	14.7	16	113	-5.2	12.8	0.9	5	J
3	466	16.0	129	J	13.9	20	102	-2.6	13.1	1.1	4	J
4	458	14.5	97	J	12.9	23	109	-3.7	11.8	1.2	4	J
5	451	14.2	97	J	12.1	22	116	-4.6	10.4	0.6	4	J
6	463	13.7	83	J	11.9	40	102	-1.8	10.4	3.1	5	J
7	458	12.2	82	J	11.7	32	112	-3.6	10.5	1.3	3	J
8	457	13.5	69	J	11.0	37	110	-2.9	10.1	1.7	3	J
9	450	13.7	75	J	10.7	34	114	-3.5	9.8	0.9	2	J
10	449	13.6	63	J	10.5	43	101	-1.4	9.8	1.9	3	J
11	453	11.4	67	J	11.0	39	97	-1.0	10.2	1.1	4	J
12	444	12.2	86	J	10.7	30	102	-1.9	10.3	-0.4	2	J
13	439	11.5	70	J	11.1	29	106	-2.5	10.1	-0.4	4	J
14	429	12.2	63	J	11.3	14	108	-3.2	9.8	-2.8	3	J
15	425	12.2	55	J	10.9	0	109	-3.4	8.7	-4.6	3	J
16	415	13.1	42	J	10.3	-4	109	-2.9	7.4	-4.2	5	J
17	410	12.9	57	J	9.4	4	113	-2.9	6.5	-2.1	6	J
18	413	13.5	45	J	9.4	12	107	-2.5	8.3	-0.9	4	J
19	398	13.2	61	J	9.1	15	131	-5.4	6.6	0.4	3	J
20	379	12.6	108	J	8.5	-7	179	-7.4	-0.1	-0.9	4	J
21	380	13.8	104	J	9.3	-31	179	-7.6	-0.8	-4.5	3	J
22	374	12.3	82	J	9.0	-19	191	-7.6	-1.9	-2.4	3	J
23	368	12.9	67	J	9.3	12	179	-8.8	0.5	1.8	3	J
24	383	12.3	72	J	9.1	46	173	-3.9	1.2	3.9	7	J

91-08-29 - 91-09-09

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					AUG. 29, 1991 (241)							
1	390	12.2	56	J	8.7	53	153	-4.3	3.5	5.9	3	J
2	379	13.7	73	J	8.9	11	203	-8.0	-2.9	2.4	1	J
3	378	13.9	64	J	8.8	-1	213	-7.2	-4.6	1.1	2	J
4	379	13.7	48	J	9.0	-11	216	-7.1	-5.4	0.0	1	J
5	378	13.5	50	J	9.0	-13	211	-7.4	-4.9	-0.2	1	J
6	381	12.9	53	J	8.9	-17	209	-7.0	-4.6	-0.6	3	J
7	384	13.0	74	J	8.8	-27	186	-7.5	-2.5	-3.1	3	J
8	377	12.2	48	J	9.3	-17	207	-7.7	-4.7	-0.4	2	J
9	377	12.2	47	J	9.2	-18	208	-7.4	-4.8	-0.3	3	J
10	396	12.2	48	J	8.7	-52	227	-3.3	-6.3	-3.3	4	J
11	390	11.4	43	J	8.6	-39	235	-3.5	-6.9	-1.4	3	J
12	388	12.1	46	J	8.5	-38	231	-3.9	-6.6	-1.4	3	J
13	385	13.0	48	J	8.1	-45	214	-4.2	-5.1	-2.8	4	J
14	368	13.0	56	J	8.2	-35	191	-6.0	-3.2	-3.1	4	J
15	370	13.4	53	J	8.3	-33	141	-4.7	1.5	-5.3	4	J
16	361	13.9	51	J	8.5	-32	190	-6.8	-3.0	-3.4	2	J
17	367	15.1	72	J	8.8	-31	170	-6.8	-0.5	-4.3	3	J
18	366	14.5	62	J	8.5	-13	144	-6.2	3.7	-3.2	3	J
19	370	14.3	42	J	8.6	-22	137	-5.6	4.2	-4.5	2	J
20	382	15.8	32	J	9.0	-38	112	-1.8	3.4	-4.7	7	J
21	387	17.7	46	J	8.2	-6	101	-1.0	5.1	-1.7	6	J
22	394	17.6	44	J	8.7	-17	81	1.0	5.9	-3.1	5	J
23	373	17.0	48	J	8.7	-10	125	-4.6	6.3	-2.6	3	J
24	379	17.0	40	J	7.9	-29	112	-2.1	4.5	-3.9	5	J
					AUG. 30, 1991 (242)							
1	391	19.0	59	J	6.9	-19	92	-0.2	4.5	-2.7	5	J
2	367	16.9	61	J	7.0	-25	178	-5.5	-0.4	-2.6	3	J
3	362	15.9	58	J	7.1	-29	189	-5.7	-1.7	-2.8	3	J
4	355	14.7	56	J	7.2	-17	196	-6.2	-2.3	-1.3	2	J
5	357	14.5	48	J	7.4	-29	181	-5.8	-1.3	-2.9	3	J
6	350	14.5	47	J	7.4	-25	146	-5.0	1.9	-4.0	3	J
7	339	13.3	33	J								
8												
9	358	26.5	41	J	11.7	-37	163	-8.6	-1.3	-7.2	3	J
10	349	27.5	63	J	11.7	-22	189	-10.3	-3.6	-2.6	3	J
11	348	27.8	51	J	11.8	-37	170	-8.0	-2.2	-5.9	6	J
12					14.5	-25	150	-11.1	2.1	-8.5	2	J
13	394	40.0	47	J	17.4	-56	149	-8.1	-3.4	-14.5	4	J
14	383	31.0	40	J	16.7	-49	145	-8.6	-1.0	-13.5	5	J
15	380	35.1	40	J	15.2	-18	127	-8.0	7.3	-8.8	6	J
16	380	36.1	50	J	15.2	12	126	-8.2	11.5	-2.2	5	J
17	420	36.8	115	J	16.5	62	108	-1.8	9.2	7.9	11	J
18	479	21.3	287	J	16.6	18	107	-3.9	13.5	-0.1	9	J
19	502	15.7	384	J	18.4	-26	146	-11.8	5.7	-8.9	10	J
20	493	15.1	231	J	22.6	-38	144	-13.8	6.5	-15.3	6	J
21	505	16.4	279	J	21.4	-27	108	-5.8	15.4	-13.0	5	J
22	538	11.7	170	J	14.8	10	142	-10.4	8.4	0.8	6	J
23	552	9.1	120	J	12.9	13	145	-9.9	7.3	1.5	4	J
24	549	8.2	101	J	12.5	1	146	-10.0	6.7	-1.1	3	J
					AUG. 31, 1991 (243)							
1	561	8.6	121	J	12.2	17	139	-8.6	8.0	1.9	3	J
2	551	8.0	109	J	12.1	20	145	-8.1	6.3	2.2	6	J
3	524	8.3	127	J	12.7	1	145	-9.9	6.7	-1.7	4	J
4	542	7.2	122	J	12.2	5	135	-8.0	7.9	-1.6	4	J
5	560	7.3	180	J	11.4	17	133	-6.7	7.8	0.2	5	J
6	541	7.3	193	J	11.9	9	144	-8.2	6.1	-1.0	6	J
7	552	7.8	212	J	12.0	-19	131	-6.2	4.8	-6.2	6	J
8	539	8.2	216	J	12.1	-11	139	-7.3	4.6	-4.8	7	J
9	536	8.8	235	J	12.8	-27	141	-6.4	2.2	-6.3	9	J
10	518	9.8	244	J	12.8	-16	139	-8.2	4.3	-6.5	6	J
11	502	10.4	209	J	13.1	-9	140	-9.2	5.4	-5.9	5	J
12												
13	501	12.1	220	J	12.7	13	128	-7.3	9.4	-2.7	3	J
14	515	11.8	176	J	13.3	-35	117	-3.7	3.3	-8.7	9	J
15	499	13.5	246	J	12.1	-20	134	-5.6	3.7	-5.4	8	J
16	502	10.7	164	J	10.2	-15	142	-6.5	3.6	-4.2	6	J
17	491	8.7	117	J	9.8	-2	142	-7.1	5.0	-2.4	4	J
18	499	7.4	70	J	8.4	1	161	-7.1	2.3	-0.7	4	J
19	510	6.8	80	J	7.6	-20	194	-6.3	-2.2	-1.8	3	J
20	512	7.8	98	J	7.8	-13	150	-5.4	2.7	-2.2	4	J
21	515	7.4	130	J	7.7	8	148	-5.8	3.7	0.2	3	J
22	519	7.0	128	J	7.6	-5	136	-4.8	4.4	-1.5	4	J
23	546	7.0	168	J	7.6	-22	124	-2.5	3.4	-2.5	6	J
24	544	6.6	160	J	8.0	-13	113	-2.7	6.0	-2.8	4	J
					SEP. 1, 1991 (244)							
1	519	6.4	151	J	8.0	4	124	-4.4	6.4	-0.8	2	J
2	555	7.1	146	J	8.0	-48	105	-1.1	2.8	-5.5	5	J
3	554	7.6	168	J	8.5	-50	152	-2.7	0.4	-3.9	7	J
4	552	5.8	189	J	9.8	-11	132	-6.2	5.9	-3.9	3	J
5	562	4.9	155	J	9.7	-11	132	-5.8	5.4	-4.0	4	J
6	550	6.8	240	J	6.9	-40	162	-3.9	-0.3	-3.6	4	J
7	560	4.1	313	J	8.9	0	131	-5.6	5.8	-3.0	2	J
8	568	4.0	317	J	7.6	5	132	-4.7	4.8	-2.1	3	J
9	591	3.6	317	J	7.4	18	120	-3.2	5.8	-1.1	3	J
10	592	3.0	293	J	8.6	0	114	-3.5	6.6	-4.3	1	J
11												
12												
13												
14												
15												
16												
17	582	3.1	200	J	8.7	18	170	-7.5	2.2	1.8	3	J
18	524	3.1	306	J								
19	575	2.6	160	J								
20	620	2.4	189	J								
21	651	4.0	435	J								
22	661	3.9	259	J								
23	610	3.5	91	J								
24	610	3.6	100	J								
					SEP. 2, 1991 (245)							
1	605	4.5	162	J								
2	592	4.2	117	J								
3	614	4.0	96	J								
4	598	4.0	96	J								
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					SEP. 7, 1991 (250)							
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24	342	6.7	23	J								
					SEP. 8, 1991 (251)							
1	370	10.8	27	J								
2	357	10.1	32	J								
3	360	10.9	39	J								
4	358	10.6	25	J	9.5	-23	157	-7.6	1.9	-4.4	3	J
5	353	10.2	24	J	9.2	-22	164	-7.9	0.8	-4.0	2	J
6	351	10.6	24	J	9.4	-20	160	-8.0	1.3	-4.1	2	J
7	350	9.8	19	J	9.5	-7	156	-8.1	2.6	-2.7	3	J
8	353	11.1	32	J	9.6	-2	153	-7.9	3.3	-2.3	3	J
9	351	14.2	32	J	9.5	9	141	-6.8	5.4	-1.8	3	J
10	346	15.1	30	J	10.2	-14	146	-7.9	3.1	-4.9	2	J
11	343	17.1	50	J	10.5	-30	159	-8.3	-0.3	-6.1	2	J
12	340	17.5	54	J	9.9	-32	170	-8.2	-1.7	-5.1	1	J
13	346	18.1	27	J	9.3	-19	155	-7.7	1.4	-4.4	2	J
14	365	29.0	23	J	5.8	-27	168	-4.7	-0.4	-2.6	3	J
15	361	23.4	32	J	8.2	-13	147	-5.7	2.5	-3.2	4	J
16	401	18.5	49	J	9.0	-23	332	7.1	-4.9	-1.4	3	J
17	398	20.6	40	J	9.8	-31	318	5.8	-6.6	-2.2	4	J
18	399	17.0	47	J	11.3	-63	299	2.4	-7.3	-7.6	3	J
19												
20												
21												
22	409	12.1	22	J	12.3	0	164	-11.5	3.2	-0.7	2	J
23	407	12.6	40	J	12.1	-4	156	-9.8	4.1	-1.6	5	J
24	397	11.9	34	J	12.7	-25	306	6.3	-9.6	-3.1	4	J
					SEP. 9, 1991 (252)							
1	414	13.0	33	J	14.5	-11	315	9.0	-9.3	-0.4	6	J
2	418	11.1	58	J	15.2	21	335	12.6	-4.3	6.7	3	J
3	436	10.6	78	J	14.9	18	329	11.7	-5.4	6.3	4	J
4	450	10.0	73	J	14.6	14	316	10.0	-7.9	6.5	2	J
5	479	10.2	150	J	14.5	-10	292	4.9	-12.1	2.5	6	J
6	482	16.3	87	J	13.7	-34	259	-2.1	-13.1	-2.0	3	J
7	498	14.0	109	J	13.2	-49	205	-7.0	-7.1	-6.2	6	J
8	477	12.2	105	J	12.3	-47	240	-3.9	-10.0	-3.7	5	J
9	498	14.0	100	J	11.3	-44	211	-6.5	-7.3	-4.1	4	J
10	498	15.8	76	J	12.2	-30	214	-7.1	-6.7	-1.4	7	J
11	488	17.8	82	J	11.4	-49	212	-5.8	-7.4	-4.4	5	J
12	476	16.2	37	J	12.0	-52	192	-7.2	-6.5	-6.9	2	J
13	488	17.3	42	J	10.7	-51	181	-6.5	-4.5	-6.6	3	J
14	484	16.4	38	J	9.1	-64	226	-2.6	-6.4	-5.2	3	J
15	466	15.1	21	J	10.0	-64	232	-2.6	-7.0	-5.9	3	J
16	483	11.6	15	J	10.0	-49	209	-5.6	-6.0	-5.2	2	J
17	487	10.7	16	J	10.4	-44	202	-6.9	-5.4	-5.5	1	J
18	481	9.8	12	J	10.5	-42	197	-7.5	-4.6	-5.8	1	J
19	473	13.7	19	J	10.2	-24	192	-8.8	-3.0	-3.3	2	J
20	467	17.1	28	J	10.1	-23	182	-9.3	-1.3	-3.7	1	J
21	464	17.1	30	J	11.3	-23	173	-10.2	0.2	-4.5	1	J
22	464	16.6	34	J	11.4	-38	178	-8.7	-1.1	-6.7	3	J
23	449	14.0	13	J	11.7	-57	195	-6.2	-3.6	-9.3	1	J
24					11.2	-49	253	-2.1	-8.5	-6.8	1	J

91-09-10 - 91-09-22

SEP. 10, 1991 (253)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	435	14.5	23	J	12.6	-47	181	-8.2	-2.1	-8.5	4	J
2	437	16.3	17	J	13.5	-43	187	-9.8	-3.5	-8.6	1	J
3	447	17.0	11	J	16.9	-39	180	-13.1	-3.1	-10.2	2	J
4	446	17.2	13	J	17.3	-34	175	-14.3	-2.1	-9.5	0	J
5												
6												
7												
8												
9	449	5.6	221	J	17.3	-1	315	12.0	-10.3	6.3	3	J
10	447	5.8	171	J	17.5	-12	310	10.7	-12.5	4.2	4	J
11	423	7.2	131	J	17.0	9	319	12.6	-7.5	8.4	2	J
12	431	9.2	191	J	14.3	5	317	9.8	-6.9	6.1	5	J
13	461	10.8	312	J	11.5	-12	298	4.1	-7.5	2.7	7	J
14	466	10.2	227	J	11.6	-34	261	-1.4	-10.9	-0.5	4	J
15	433	8.1	186	J	12.4	-21	300	5.7	-10.8	1.0	2	J
16	439	7.9	120	J	11.1	-29	291	3.2	-9.6	-0.7	5	J
17	415	9.4	113	J	10.5	-30	289	2.8	-9.5	-1.3	3	J
18	420	9.4	102	J	11.2	-36	291	3.2	-10.1	-3.2	2	J
19	432	8.4	89	J	12.6	-27	277	1.3	-11.9	-2.0	3	J
20	437	9.7	72	J	12.8	-20	281	2.3	-12.3	-1.2	2	J
21	451	12.8	47	J	13.9	-22	292	4.7	-12.5	-2.3	3	J
22	436	17.3	98	J	15.3	-13	316	10.7	-10.8	-1.2	2	J
23	430	22.1	154	J	13.7	2	333	11.4	-5.6	1.6	5	J
24	447	23.7	115	J	14.1	31	332	9.2	-3.5	7.2	7	J

SEP. 11, 1991 (254)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	456	27.1	150	J	12.3	19	294	4.5	-8.9	5.9	4	J
2	475	28.7	120	J	14.5	46	309	2.7	-2.1	5.1	14	J
3	503	11.6	327	J	15.0	29	287	3.1	-8.1	8.7	9	J
4	516	13.6	366	J	12.0	11	264	-1.0	-8.6	5.2	6	J
5	482	13.6	326	J	13.8	56	316	4.9	-0.4	11.2	6	J
6	482	15.5	283	J	13.5	62	303	2.7	0.3	10.2	8	J
7	476	15.8	279	J	12.7	70	51	2.2	6.8	7.0	8	J
8	467	16.3	236	J	13.5	68	350	4.2	4.8	9.4	7	J
9	457	16.6	210	J	12.9	-3	294	4.9	-9.6	5.5	4	J
10	467	14.6	195	J	12.9	-11	286	2.6	-8.6	3.6	9	J
11	471	13.1	189	J	13.8	-55	356	6.2	-5.4	-7.1	8	J
12	502	10.8	175	J	11.4	-35	299	3.1	-7.1	-0.5	8	J
13	501	7.9	110	J	9.4	-12	21	7.2	1.4	-2.9	5	J
14	497	7.2	81	J	8.9	6	335	6.9	-2.3	2.3	5	J
15	512	7.1	111	J	8.8	-1	324	5.7	-3.7	1.9	5	J
16	531	6.8	148	J	8.8	10	306	4.1	-4.5	3.6	5	J
17	512	6.2	99	J	8.9	16	337	6.9	-1.8	3.1	4	J
18	535	6.2	142	J	8.9	47	345	5.1	0.7	5.8	4	J
19	503	6.1	75	J	9.0	6	352	8.2	-0.8	1.2	3	J
20	500	5.5	43	J	8.7	-3	351	8.1	-1.3	-0.1	3	J
21	514	5.0	68	J	8.7	15	346	7.1	-1.3	2.3	4	J
22	513	4.7	49	J	9.0	28	342	7.1	-1.4	4.4	3	J
23	516	4.5	55	J	9.1	22	344	7.7	-1.5	3.6	3	J
24	540	4.7	78	J	8.5	28	358	7.2	0.6	3.8	2	J

SEP. 12, 1991 (255)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	542	5.1	85	J	8.2	18	345	6.5	-1.2	2.5	4	J
2												
3												
4												
5	550	4.6	114	J	7.4	-13	321	4.8	-4.1	0.2	4	J
6	552	4.8	121	J	7.2	8	326	4.4	-2.3	1.9	5	J
7	558	5.1	137	J	6.8	40	352	4.1	1.2	3.3	4	J
8	575	5.3	135	J	7.0	54	332	2.9	1.0	4.7	4	J
9	568	5.4	133	J	6.9	-16	332	2.9	-1.8	0.0	6	J
10	538	5.6	98	J	6.8	-11	341	5.9	-2.4	0.1	2	J
11	548	5.3	117	J	6.7	20	320	3.7	-1.5	3.2	4	J
12	557	5.4	115	J	7.0	27	349	4.5	0.6	2.4	5	J
13	555	4.8	89	J	7.5	-10	299	3.2	-5.5	2.2	3	J
14	501	6.2	193	J	7.4	-9	345	6.5	-2.0	0.0	3	J
15	514	4.8	98	J	7.6	13	321	4.8	-2.7	3.2	4	J
16	525	4.7	118	J	7.1	14	315	4.6	-3.4	3.5	2	J
17	528	4.6	98	J	7.1	2	306	3.8	-4.7	2.3	3	J
18	514	4.5	71	J	7.1	7	319	4.8	-3.6	2.2	3	J
19	515	4.5	58	J	7.3	7	320	4.8	-3.6	1.9	4	J
20	530	4.4	74	J	7.4	-3	297	3.1	-6.0	1.3	3	J
21	518	4.4	61	J	7.4	-11	308	4.4	-5.7	-0.1	1	J
22	510	4.7	63	J	7.1	4	307	4.0	-5.1	1.6	2	J
23	484	5.5	61	J	7.1	22	327	5.1	-2.7	3.1	3	J
24	488	6.0	76	J	7.1	8	315	4.4	-4.1	1.8	3	J

SEP. 13, 1991 (256)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	495	5.9	65	J	7.0	-21	298	2.8	-5.6	-1.0	3	J
2	488	6.7	89	J	7.2	-7	319	4.7	-4.2	0.3	3	J
3	495	7.2	65	J	7.3	12	298	3.1	-5.1	3.0	3	J
4	506	6.5	73	J	7.3	25	288	1.7	-3.9	4.1	4	J
5	466	7.1	121	J	7.6	-7	326	6.0	-4.1	0.8	2	J
6	484	6.5	89	J	7.5	-15	317	4.8	-4.8	0.4	3	J
7	482	6.6	96	J	7.7	-1	313	4.7	-4.5	2.3	3	J
8	492	7.3	91	J	7.9	5	307	3.8	-4.1	3.1	4	J
9	501	7.4	74	J	8.2	4	301	3.2	-4.2	3.2	5	J
10	484	7.6	92	J	8.3	0	315	4.8	-4.0	2.7	5	J
11	508	7.3	46	J	8.4	-5	281	1.5	-6.7	3.8	3	J
12												
13												
14												
15												
16	493	7.9	99	J	9.7	11	321	6.9	-4.2	4.0	3	J
17	495	8.1	98	J	9.4	25	316	5.6	-3.5	5.5	4	J
18	499	7.8	106	J	9.4	8	319	6.0	-4.5	2.9	5	J
19	548	5.8	189	J	8.5	-11	308	4.4	-5.8	0.4	4	J
20	557	5.6	149	J	7.9	5	327	6.0	-3.6	1.6	3	J
21	550	5.4	99	J	7.9	-1	347	7.1	-1.6	0.3	3	J
22					8.3	-41	352	4.9	-1.6	-4.1	5	J
23	564	5.0	160	J								
24	582	4.9	151	J								

SEP. 14, 1991 (257)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	572	4.9	162	J								
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

SEP. 20, 1991 (263)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19	303	6.5	26	J	6.4	9	152	-4.9	2.7	0.0	2	J
20	320	8.4	26	J	5.7	48	134	-2.4	3.4	3.0	3	J
21	328	8.3	14	J	6.7	41	84	0.5	5.2	2.7	3	J
22	329	8.4	12	J	6.3	65	94	-0.2	3.6	4.8	2	J
23												
24												

SEP. 21, 1991 (264)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	314	7.4	11	J	6.7	-18	105	-1.5	5.1	-3.2	2	J
2	303	6.6	12	J	6.5	-18	120	-2.9	4.4	-3.1	2	J
3	306	7.3	12	J	6.5	-13	112	-2.3	4.9	-3.0	2	J
4	309	8.1	12	J	6.4	-18	112	-2.1	4.2	-3.5	3	J
5	305	8.3	9	J	6.2	-30	125	-3.0	2.7	-4.4	2	J
6	300	8.3	12	J	6.5	-24	128	-3.4	2.8	-4.2	2	J
7	294	7.8	11	J	6.2	-5	131	-3.9	3.6	-2.6	1	J
8	294	7.2	10	J	6.2	-7	131	-3.9	3.4	-3.0	1	J
9	290	7.4	12	J	6.3	-2	129	-3.8	3.8	-2.7	1	J
10	290	7.4	10	J	6.3	7	134	-4.3	4.1	-1.9	1	J
11	291	8.6	10	J	6.1	14	130	-3.7	4.4	-1.3	1	J
12	298	12.5	6	J	5.2	73	356	1.2	2.2	3.4	3	J
13	293	14.0	7	J	4.2	67	90	0.0	2.8	1.9	3	J
14	288	14.1	11	J	4.7	48	124	-1.7	3.9	1.5	2	J
15	286	15.9	7	J	3.8	34	125	-1.7	3.0	0.5	1	J
16	284	16.6	11	J	4.5	17	135	-2.8	3.0	-0.2	2	J
17	280	18.7	22	J	4.8	15	157	-4.1	2.1	0.4	1	J
18	281	18.3	22	J	4.6	20	157	-3.5	1.9	0.8	2	J
19	287	18.4	10	J	5.4	11	114	-2.0	4.6	-0.5	2	J
20	287	17.8	7	J	5.5	-5	113	-2.1	4.7	-1.8	1	J
21	288	18.0	8	J	5.7	-1	115	-2.4	4.9	-1.3	1	J
22												
23												
24												

SEP. 22, 1991 (265)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8	297	41.2	13	J	4.5	-36	285	0.5	-2.2	-0.2	4	J
9	299	36.9	24	J	6.7	6	299	2.4	-3.3	2.8	5	J
10	300	34.8	29	J	7.7	3	333	6.0	-2.3	2.0	4	J
11	303	34.0	30	J	8.0	-68	333	2.5	-5.0	-4.9	3	J
12	303	31.8	34	J	9.1	-34	287	1.9	-7.5	-0.1	5	J
13	305	25.5	40	J	9.4	20	292	2.7	-4.2	6.0	5	J
14	311	19.3	39	J	11.6	-29	289	3.3	-11.0	0.2	2	J
15	307	19.7	37	J	11.6	-20	299	5.2	-10.1	1.2	2	J
16	305	24.3	31	J	10.3	50	293	0.6	-0.5	2.3	10	J
17	309	23.4	22	J	10.9	78	108	-0.7	6.1	8.7	3	J
18	310	19.0	27	J	12.5	57	302	3.4	-1.7	11.3	4	J
19	310	17.8	34	J	12.3	21	304	6.1	-7.3	6.7	4	J
20	316	17.0	41	J	11.9	33	303	4.9	-5.8	7.7	5	J
21	321	17.0	43	J	11.4	19	294	3.9	-7.8	5.3	5	J
22	318	16.7	43	J	11.4	18	298	4.8	-8.1	5.2	4	J
23	313	15.6	40	J	11.7	-7	303	6.1	-9.5	0.6	3	J
24	324	15.9	41	J	12.1	-18	289	3.7	-11.3	-1.3	1	J

91-09-23 - 91-10-04

SEP. 23, 1991 (266)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	309	9.0	12	J	11.2	-10	281	2.1	-9.9	4.5	1	J
13	309	9.3	14	J	10.9	-9	286	2.9	-9.3	4.2	3	J
14	295	8.6	22	J	10.7	23	320	6.9	-2.9	6.3	4	J
15	290	8.0	24	J	11.2	28	328	8.3	-2.0	7.1	2	J
16	295	7.8	19	J	11.5	15	313	7.4	-5.8	6.2	2	J
17	289	9.0	21	J	11.6	2	319	8.7	-6.8	3.4	2	J
18	291	9.9	19	J	12.2	-14	317	8.5	-8.5	0.1	2	J
19	290	10.0	23	J	11.9	-27	326	8.6	-7.1	-3.3	2	J
20	285	9.2	22	J	11.7	-24	332	9.4	-6.1	-3.3	1	J
21	286	8.5	20	J	11.2	-34	332	8.0	-5.6	-4.9	3	J
22	286	8.4	23	J	10.7	-31	336	8.1	-4.6	-4.4	3	J
23	295	9.9	20	J	9.8	-12	310	5.7	-7.1	-0.4	4	J
24	322	13.2	22	J	9.2	41	225	-4.6	-3.3	6.5	3	J

SEP. 24, 1991 (267)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	304	9.2	11	J	10.7	-22	301	4.3	-7.7	-1.6	6	J
2	304	8.6	9	J	11.3	-27	306	5.9	-9.1	-2.8	1	J
3	311	10.4	12	J	11.3	-26	301	4.9	-9.1	-1.9	4	J
4	309	11.6	13	J	11.0	-30	304	5.2	-9.1	-2.4	2	J
5	306	14.2	18	J	9.7	10	294	3.6	-6.7	4.6	4	J
6	313	14.5	13	J	10.1	51	257	-1.4	-2.0	9.5	2	J
7	310	15.2	12	J	10.5	46	263	-0.9	-2.6	10.0	1	J
8	299	16.6	21	J	9.8	19	306	4.5	-3.9	5.5	6	J
9	294	17.9	27	J	9.4	16	323	7.1	-3.1	5.1	1	J
10	301	17.2	24	J	10.1	31	315	6.0	-2.1	7.6	2	J
11	300	16.4	15	J	10.8	16	307	6.1	-5.0	7.0	3	J
12	296	15.3	11	J	11.6	10	309	7.2	-6.2	6.7	1	J
13												
14												
15												
16	293	21.9	10	J	10.9	-43	343	7.6	-5.3	-5.6	2	J
17	282	19.3	16	J	10.2	-46	354	7.0	-3.6	-6.4	1	J
18	280	22.4	13	J	9.6	-42	2	7.1	-2.0	-6.0	1	J
19	283	23.1	17	J	9.2	-53	14	5.0	-0.9	-6.9	3	J
20	302	20.6	13	J	11.5	-9	131	-7.2	7.5	-3.9	3	J
21	301	18.4	13	J	11.6	-2	139	-8.7	7.2	-2.2	1	J
22	303	21.5	17	J	10.7	-19	130	-6.3	6.6	-4.9	3	J
23	310	22.8	33	J	11.0	1	126	-6.3	8.5	-1.6	3	J
24	311	23.1	41	J	11.6	9	128	-5.7	7.4	-0.1	7	J

SEP. 25, 1991 (268)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	327	18.3	26	J	13.0	-27	108	-3.2	8.3	-7.3	6	J
2	319	22.9	41	J	12.2	10	139	-7.7	7.0	0.0	6	J
3	325	22.7	44	J	13.0	-10	125	-6.9	8.7	-5.0	4	J
4	328	21.5	52	J	13.4	-4	135	-9.2	8.3	-4.0	3	J
5	335	21.2	59	J	14.0	-12	129	-8.5	8.5	-6.8	3	J
6	334	20.1	52	J	14.7	-5	134	-10.1	8.8	-5.8	1	J
7	338	18.8	69	J	14.9	-3	133	-10.1	9.1	-5.9	1	J
8	339	18.6	89	J	14.5	0	133	-9.8	9.0	-5.5	1	J
9	331	17.4	54	J	15.0	6	134	-10.4	9.8	-4.6	1	J
10	341	16.6	64	J	16.1	13	129	-9.7	12.0	-3.9	2	J
11												
12												
13												
14												
15												
16												
17												
18												
19												
20	434	22.8	396	J	14.1	-28	154	-10.2	3.2	-7.1	7	J
21	462	18.5	390	J	15.7	-42	137	-7.7	4.7	-10.8	7	J
22	450	16.5	543	J	15.9	-24	163	-12.5	2.5	-6.5	7	J
23	461	18.4	240	J	10.4	59	338	1.8	0.0	3.3	10	J
24	435	24.7	192	J	8.6	44	344	2.1	-0.1	2.2	8	J

SEP. 26, 1991 (269)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	406	24.0	101	J	12.2	3	129	-3.1	3.8	-0.6	12	J
2	380	22.4	62	J	16.0	-17	155	-13.8	5.0	-6.2	1	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17	536	10.1	237	J	14.1	5	112	-5.1	12.0	-3.9	3	J
18	531	10.3	221	J	12.9	4	119	-5.5	9.6	-2.7	6	J
19	519	9.7	169	J	13.3	-3	126	-7.1	9.1	-3.6	5	J
20	506	9.7	155	J	13.4	-5	131	-7.8	8.4	-3.4	6	J
21	500	9.8	154	J	13.1	1	136	-8.6	8.1	-1.7	5	J
22	502	12.3	167	J	12.6	35	129	-5.9	8.6	4.9	5	J
23	509	12.8	168	J	11.9	6	121	-5.3	8.8	-0.8	6	J
24	504	13.2	192	J	10.3	-9	160	-6.0	1.9	-1.5	8	J

SEP. 27, 1991 (270)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3	514	11.3	153	J	10.0	-18	128	-5.0	5.3	-4.4	5	J
4	534	11.4	187	J	9.7	-15	116	-2.5	4.3	-3.3	8	J
5	530	11.5	189	J	9.5	1	124	-3.7	5.1	-2.1	7	J
6	539	11.3	180	J	10.5	-6	117	-3.3	5.5	-3.6	8	J
7	515	9.9	126	J	11.9	5	121	-5.7	8.7	-3.8	4	J
8	539	10.2	137	J	12.8	4	107	-3.6	10.5	-5.5	3	J
9	541	11.2	184	J	12.7	-7	112	-4.2	7.9	-6.9	6	J
10	547	11.9	236	J	12.1	-20	121	-4.3	4.1	-6.5	8	J
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

OCT. 1, 1991 (274)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21	492	18.9	685	J								
22	484	18.3	642	J								
23	513	13.7	476	J								
24												

OCT. 3, 1991 (276)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3	452	8.8	46	J	6.5	-26	171	-5.6	0.0	-2.9	1	J
4	453	9.1	58	J	6.7	-15	173	-5.9	0.1	-1.8	2	J
5	463	10.4	71	J	6.6	-18	145	-4.0	1.9	-2.5	4	J
6	469	11.4	65	J	6.1	37	231	-2.4	-1.4	3.9	4	J
7	468	10.0	49	J	5.8	52	158	-1.5	1.5	1.5	5	J
8	466	9.7	56	J	6.2	-1	104	-1.3	4.3	-2.7	3	J
9	447	9.1	81	J	5.7	-14	162	-4.4	0.6	-1.8	3	J
10	458	9.6	80	J	5.3	16	112	-1.3	3.3	-1.0	4	J
11	457	9.0	79	J	5.6	29	118	-2.0	4.4	-0.2	3	J
12	463	8.4	67	J	6.3	21	110	-1.7	4.9	-1.0	3	J
13	458	8.6	68	J	6.1	-38	135	-2.7	0.6	-3.9	4	J
14	459	8.9	76	J	5.7	30	132	-2.0	2.8	0.3	5	J
15	457	9.0	78	J	5.6	48	143	-2.0	2.7	1.7	4	J
16	440	9.0	83	J	6.3	-19	181	-5.5	-0.9	-1.7	2	J
17	453	7.9	71	J	5.6	48	122	-1.6	3.7	2.1	3	J
18	458	7.9	63	J	4.9	62	169	-1.3	1.1	2.3	4	J
19	457	8.1	79	J	4.8	23	213	-2.2	-1.1	1.5	4	J
20	452	8.6	72	J	4.8	-8	195	-4.0	-1.2	-0.3	2	J
21	446	8.6	78	J	5.8	-24	188	-4.8	-1.1	-1.9	3	J
22	462	7.5	92	J	5.4	-8	106	-1.3	4.2	-1.5	3	J
23	479	7.1	69	J	6.3	17	73	1.6	5.4	0.6	3	J
24	465	7.3	59	J	5.8	19	97	-0.6	5.1	0.7	3	J

OCT. 4, 1991 (277)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	447	7.1	67	J	6.1	12	128	-3.0	3.9	0.1	4	J
2												
3												
4												
5												
6												
7					7.4	-20	99	-1.0	4.5	-5.2	2	J
8	446	8.7	54	J	7.6	-8	77	1.6	5.6	-4.6	2	J
9	436	7.8	29	J	7.6	-10	80	1.2	5.2	-4.9	2	J
10	447	9.0	42	J	7.9	-16	67	2.6	4.0	-5.1	4	J
11	439	8.3	34	J	7.2	-2	77	1.4	4.8	-3.5	4	J
12	420	7.9	32	J	7.7	-2	115	-2.8	4.8	-3.5	4	J
13	411	10.0	38	J	8.4	-26	119	-3.5	3.4	-6.4	2	J
14	420	9.6	43	J	9.5	17	126	-4.9	7.1	-1.3	4	J
15	437	26.7	59	J	5.6	-23	262	-0.2	-1.7	0.2	6	J
16	439	35.5	61	J	2.6	-7	346	1.8	-0.5	0.0	2	J
17	436	33.3	66	J	5.5	49	117	-1.1	3.0	1.7	5	J
18	432	33.2	47	J	6.1	54	169	-2.5	1.6	3.1	4	J
19	431	28.6	46	J	8.7	6	263	-0.9	-6.9	3.0	4	J
20	433	28.8	37	J	13.7	-75	345	3.2	-4.0	-11.6	5	J
21	428	12.4	31	J	13.9	-72	347	4.2	-3.9	-12.6	2	J
22	451	33.3	28	J	10.5	6	283	2.1	-8.6	2.8	5	J
23	444	34.4	25	J	7.1	-7	296	2.8	-5.8	0.4	4	J
24												

91-10-05 - 91-10-17

OCT. 5, 1991 (278)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5	446	29.4	25	J	3.5	-5	179	-3.4	-0.1	-0.3	1	J
6	437	27.6	33	J	3.9	4	174	-3.3	0.4	0.1	2	J
7	428	27.6	44	J	4.3	-31	173	-2.7	-0.5	-1.6	3	J
8	426	27.6	42	J	5.4	-35	261	-0.4	-3.3	-0.2	5	J
9	429	25.3	41	J	5.9	-19	311	3.5	-4.4	0.7	2	J
10	425	23.5	36	J	6.7	13	340	6.0	-1.0	2.5	2	J
11	423	25.3	25	J	6.1	18	342	4.9	-0.4	2.3	3	J
12	425	27.0	19	J	6.9	13	326	5.2	-2.1	3.1	3	J
13	421	26.5	15	J	6.6	20	336	5.3	-0.8	3.1	3	J
14	424	19.0	28	J	8.8	4	322	6.6	-4.1	3.1	3	J
15	425	17.0	14	J	9.6	7	329	8.2	-3.8	3.4	1	J
16	423	18.8	33	J	8.5	10	337	7.7	-2.3	2.7	1	J
17	419	17.0	46	J	8.9	17	342	8.0	-1.4	3.4	2	J
18	396	8.0	60	J	11.1	20	346	10.1	-1.1	4.4	1	J
19	417	16.3	69	J	8.2	19	334	6.7	-2.4	3.4	2	J
20	415	15.8	116	J	7.9	17	343	7.0	-1.5	2.7	2	J
21	394	10.7	133	J	9.4	12	354	8.9	-0.5	2.1	2	J
22	383	10.5	70	J	10.7	7	353	10.4	-1.0	1.5	2	J
23	377	14.5	178	J	10.0	12	354	9.6	-0.6	2.2	2	J
24	381	12.3	187	J	9.7	-3	355	9.6	-0.9	-0.3	1	J

OCT. 6, 1991 (279)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	433	12.6	119	J	14.5	-21	334	10.0	-6.4	-0.8	9	J
11	467	16.2	102	J	15.4	50	296	3.6	-0.6	12.2	9	J
12	467	11.4	182	J	16.9	8	314	10.8	-8.1	8.0	7	J
13	508	8.4	166	J	17.9	25	327	11.1	-2.7	9.1	10	J
14	517	8.7	264	J	16.1	23	324	11.1	-4.0	9.1	6	J
15	528	8.9	319	J	15.7	-17	336	11.6	-6.4	-1.0	8	J
16	566	8.7	461	J	15.4	-41	335	10.0	-8.3	-6.6	5	J
17	564	7.8	295	J	16.6	-6	324	12.2	-8.8	2.0	7	J
18	573	6.6	184	J	17.5	-29	327	12.4	-10.3	-5.0	4	J
19	591	7.7	187	J	16.8	-5	337	14.7	-6.4	0.5	5	J
20	618	7.0	226	J	16.6	7	329	13.7	-7.5	4.0	4	J
21	681	5.6	252	J	18.1	9	326	14.0	-8.6	4.7	6	J
22	681	5.4	227	J	18.9	7	326	15.1	-9.5	4.2	4	J
23	689	6.4	436	J	17.2	-16	326	12.0	-8.8	-2.5	8	J
24	666	6.8	298	J	16.9	-12	339	15.2	-6.4	-2.2	3	J

OCT. 7, 1991 (280)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	757	5.6	139	J	12.5	56	46	4.7	9.4	6.2	2	J
15	757	10.1	122	J	12.9	43	39	7.2	9.2	4.9	2	J
16	746	8.7	71	J	15.8	37	17	11.9	7.3	6.9	3	J
17	721	8.4	55	J	16.1	37	1	12.8	3.9	8.8	2	J
18	701	8.2	92	J	14.3	49	3	9.2	4.0	9.9	2	J
19	687	8.4	64	J	12.8	56	23	6.4	5.6	9.1	3	J
20					10.9	38	32	7.2	6.0	5.3	2	J
21	692	8.4	56	J	10.4	28	37	7.2	6.3	3.5	2	J
22	655	7.3	59	J	9.0	30	45	5.5	6.3	3.3	1	J
23	653	6.2	68	J	7.2	34	56	3.2	5.4	2.9	2	J
24	615	3.6	88	J	7.4	-15	23	6.0	2.1	-2.2	3	J

OCT. 8, 1991 (281)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	607	2.8	42	J	7.3	-8	0	6.9	-0.2	-1.0	2	J
2	611	3.1	39	J	7.7	3	339	6.9	-2.5	1.0	2	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16	709	4.1	144	J	5.8	-21	319	3.0	-3.0	-0.3	4	J
17	688	3.9	122	J	6.9	-31	355	5.0	-1.6	-2.6	4	J
18	695	3.9	134	J	6.9	-49	21	3.8	-0.2	-4.9	3	J
19	686	3.8	143	J	6.0	-58	5	2.4	-0.9	-3.8	4	J
20	686	4.6	163	J	5.8	-21	284	1.0	-4.4	-0.6	4	J
21	658	5.0	282	J	5.7	-6	328	3.8	-2.4	0.1	4	J
22												
23	643	5.1	121	J	4.2	-20	279	0.4	-2.6	-0.4	3	J
24	624	5.1	91	J	4.2	-47	342	2.5	-1.3	-2.6	2	J

OCT. 9, 1991 (282)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18	566	11.1	209	J	9.5	52	49	3.2	5.5	4.7	5	J
19	546	12.2	222	J	10.1	52	312	3.9	-2.0	8.3	4	J
20	539	12.2	219	J								
21	525	11.3	200	J								
22	500	9.4	240	J								
23	498	9.8	203	J								
24	493	10.0	194	J								

OCT. 15, 1991 (288)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5	387	8.5	69	J								
6	383	9.3	57	J								
7	383	9.3	74	J	8.1	-6	326	5.6	-3.7	1.1	4	J
8	393	9.3	57	J	8.8	5	322	5.3	-3.3	2.6	5	J
9	405	9.2	43	J	8.9	1	301	3.9	-5.4	3.5	4	J
10	405	9.1	37	J	9.1	26	300	3.8	-3.5	6.7	3	J
11	416	8.2	33	J	8.6	44	303	3.1	-1.0	7.1	3	J
12	394	8.3	31	J	8.8	25	326	6.2	-1.6	5.2	2	J
13	395	9.1	36	J	8.6	6	327	6.8	-3.3	3.1	2	J
14	404	7.6	25	J	9.4	29	325	6.5	-1.8	6.1	2	J
15	398	7.6	27	J	10.0	28	338	7.9	-0.8	5.5	2	J
16	390	8.4	33	J	10.1	30	349	8.4	0.6	5.2	2	J
17	386	9.2	29	J	8.9	38	0	6.8	1.9	4.9	3	J
18	396	12.3	39	J	6.9	43	19	4.6	3.0	3.8	2	J
19	404	12.1	43	J	6.4	44	13	4.4	2.2	3.9	1	J
20	411	15.0	37	J	5.3	43	341	3.5	-0.4	3.6	2	J
21	404	21.1	36	J	6.1	33	321	3.5	-2.2	3.4	2	J
22	406	12.7	35	J	5.2	35	328	3.3	-1.5	3.0	2	J
23	400	12.3	44	J	4.7	23	336	3.6	-1.3	1.9	2	J
24	407	11.0	41	J	5.7	10	343	5.0	-1.3	1.2	2	J

OCT. 16, 1991 (289)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	408	9.7	50	J	5.2	10	328	3.9	-2.2	1.3	2	J
2	410	11.8	25	J	5.8	14	317	3.6	-3.0	2.0	2	J
3	408	11.4	20	J	5.3	26	330	3.9	-1.6	2.7	2	J
4					5.0	-5	336	4.6	-2.1	0.2	1	J
5	402	13.4	7	J	4.7	-3	338	4.3	-1.7	0.4	1	J
6												
7	381	12.3	16	J	4.9	-3	341	4.4	-1.5	0.5	1	J
8	367	11.1	19	J	5.5	-3	339	5.0	-1.8	0.7	1	J
9	367	12.9	18	J	5.5	-6	350	5.3	-1.1	0.0	1	J
10	361	11.8	11	J	5.8	-5	348	5.6	-1.3	0.2	1	J
11	355	12.8	11	J	6.9	18	317	4.5	-2.4	4.0	2	J
12	331	10.2	10	J	6.7	11	332	5.5	-1.8	2.6	2	J
13	327	10.4	10	J	6.6	-7	329	5.2	-3.0	1.0	3	J
14	321	12.3	9	J	6.2	-2	331	5.2	-2.6	1.2	2	J
15	323	13.8	16	J	6.8	6	341	6.2	-1.6	1.6	1	J
16	312	10.5	13	J	6.5	-4	353	6.3	-0.9	-0.1	1	J
17	315	12.8	29	J	6.3	-2	6	6.2	0.5	-0.4	1	J
18	316	8.5	9	J	6.5	8	0	6.3	0.3	0.8	1	J
19	317	11.4	10	J	5.9	12	333	4.9	-2.1	1.8	2	J
20	323	11.9	9	J	6.0	12	317	4.2	-3.5	2.1	1	J
21	325	12.0	7	J	5.7	10	312	3.4	-3.5	1.6	2	J
22	330	9.5	10	J	5.4	2	345	4.9	-1.3	0.4	2	J
23	315	11.4	7	J	6.0	9	314	4.0	-4.0	1.6	1	J
24	320	9.5	7	J	6.2	-10	321	4.6	-3.8	-0.4	2	J

OCT. 17, 1991 (290)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	320	9.1	5	J	6.6	-4	317	4.7	-4.4	0.4	1	J
2	323	8.2	5	J	7.1	-8	315	4.9	-5.0	0.2	1	J
3	317	8.1	8	J	7.2	7	321	5.4	-4.0	2.0	1	J
4	321	9.7	5	J	6.8	20	320	4.9	-3.1	3.5	1	J
5	321	10.9	9	J	6.0	43	333	3.9	-0.3	4.5	1	J
6	324	10.9	7	J	6.1	39	299	2.3	-2.1	5.1	1	J
7	320	11.5	7	J	5.9	32	309	3.1	-2.0	4.5	1	J
8	322	16.3	6	J	4.9	25	310	2.7	-1.8	3.3	2	J
9	324	17.6	10	J	4.8	24	305	2.5	-2.0	3.6	1	J
10	321	22.9	9	J	3.3	51	285	0.5	-0.3	3.1	1	J
11	324	20.4	10	J	5.0	46	255	-0.8	-0.8	4.6	2	J
12	326	26.3	10	J	4.5	42	259	-0.6	-1.0	3.8	2	J
13	322	33.2	11	J	3.6	64	199	-1.5	1.2	2.9	1	J
14	335	49.9	17	J	7.7	80	289	0.4	2.5	6.9	5	J
15	342	42.3	31	J	16.4	12	268	-0.4	-9.9	8.0	11	J
16	336	35.4	41	J	15.9	-5	276	1.6	-14.7	5.1	4	J
17	338	37.3	36	J	14.2	6	285	3.6	-12.0	6.2	3	J
18	330	58.3	35	J	8.1	-7	292	1.7	-4.1	0.8	7	J
19	328	60.5	35	J	5.2	-17	266	-0.2	-2.7	-0.1	5	J
20	325	54.6	31	J	9.7	0	274	0.6	-8.8	2.1	4	J
21	315	40.3	26	J	7.6	-17	292	2.5	-6.6	-0.8	3	J
22	309	36.8	29	J	5.3	-21	300	0.9	-1.6	-0.4	5	J
23	298	24.8	25	J	8.1	-8	94	-0.4	5.2	-1.7	6	J
24	304	23.5	29	J	8.8	2	92	-0.2	6.9	-1.0	5	J

91-10-18 - 91-10-28

OCT. 18, 1991 (291)

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	326	27.4	10	J	8.7	21	353	8.0	-0.4	3.2	1	J
2	334	41.8	14	J	9.9	25	330	6.9	-3.0	4.5	5	J
3	354	51.4	35	J	16.8	13	302	8.3	-11.8	7.0	6	J
4	363	44.9	38	J	15.9	18	290	5.1	-11.7	9.0	4	J
5	374	39.0	18	J	15.9	8	291	5.5	-12.5	7.3	4	J
6	376	32.5	22	J	15.2	13	301	7.4	-9.8	8.2	4	J
7	364	19.5	26	J	16.2	1	297	6.8	-11.7	6.4	6	J
8	369	18.0	32	J	14.9	-13	280	2.4	-13.6	4.1	4	J
9	362	15.7	55	J	13.1	-16	286	3.4	-11.8	3.2	3	J
10	369	14.2	91	J	12.5	-22	301	5.7	-10.5	1.4	4	J
11	376	12.5	124	J	10.4	-47	283	1.3	-8.3	-2.2	6	J
12	379	11.0	129	J	7.6	-58	263	-0.4	-5.7	-2.7	5	J
13	429	10.7	236	J	5.9	-17	186	-4.1	-1.0	-0.9	4	J
14	416	10.1	101	J	7.9	-57	199	-3.8	-4.1	-4.7	3	J
15	405	9.3	119	J	8.4	13	291	0.6	-1.3	1.1	8	J
16	379	10.4	60	J	11.2	25	309	6.2	-5.1	7.3	3	J
17	368	10.3	73	J	10.5	-3	299	4.9	-8.4	2.7	3	J
18	378	11.8	92	J	9.9	23	302	4.1	-5.2	5.1	5	J
19	376	9.1	93	J	10.3	-8	293	3.6	-8.6	1.0	4	J
20	382	8.8	95	J	10.3	-9	284	2.2	-8.9	0.6	4	J
21	380	8.7	50	J	10.9	-15	282	2.0	-9.6	-0.7	5	J
22	367	12.3	29	J	10.7	7	289	3.1	-8.7	2.7	5	J
23	360	8.7	43	J	11.2	-9	296	4.8	-9.9	-0.1	2	J
24	364	10.0	35	J	11.1	-10	288	3.3	-10.4	-0.1	2	J

OCT. 19, 1991 (292)

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	366	8.1	37	J	11.2	-21	287	3.1	-10.6	-2.0	1	J
2	364	7.3	36	J	11.1	-20	282	2.2	-10.8	-1.4	1	J
3	371	8.2	36	J	10.7	-25	270	0.0	-10.5	-1.8	2	J
4	366	9.9	32	J	10.2	-25	271	0.1	-9.0	-1.1	5	J
5	373	13.7	19	J	9.8	-1	258	-2.0	-8.8	3.3	2	J
6	369	14.2	19	J	9.5	-27	262	-1.2	-9.3	-0.4	1	J
7	369	8.2	22	J	10.7	-27	260	-1.7	-10.6	0.0	1	J
8	374	9.3	32	J	10.7	-24	264	-1.0	-10.6	1.1	1	J
9	372	8.9	18	J	10.2	-35	251	-2.7	-9.7	-0.8	2	J
10	344	45.5	35	J	9.3	-37	262	-1.0	-9.0	-0.7	2	J
11	359	22.5	11	J	8.7	-53	284	1.2	-7.8	-3.0	2	J
12	358	18.9	9	J	9.1	-32	282	1.6	-8.8	-0.1	2	J
13	361	27.0	12	J	5.6	-38	262	-0.6	-5.2	-0.7	2	J
14	364	25.6	8	J	5.9	-4	259	-1.1	-5.2	2.4	1	J
15	364	22.7	9	J	6.6	11	266	-0.4	-5.0	3.8	2	J
16	360	13.0	9	J	8.5	-9	266	-0.6	-7.8	2.1	2	J
17	360	16.0	6	J	7.9	-2	258	-1.6	-7.2	2.4	1	J
18	364	18.2	7	J	8.1	-23	240	-3.6	-6.9	-1.0	2	J
19	360	16.1	7	J	8.4	-48	243	-2.5	-6.4	-4.7	1	J
20	357	13.6	5	J	8.6	-61	262	-0.6	-5.6	-6.3	2	J
21	357	14.0	4	J	7.9	-68	235	-1.7	-3.7	-6.6	1	J
22	377	22.9	18	J	8.1	-72	228	-1.7	-3.1	-7.2	1	J
23					8.0	-78	198	-1.6	-1.8	-7.6	1	J
24	350	14.6	8	J	7.6	-60	254	-1.0	-4.5	-5.6	2	J

OCT. 20, 1991 (293)

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	347	21.3	18	J	6.0	-70	216	-1.6	-2.1	-5.0	2	J
2	346	24.3	15	J	6.6	-51	245	-1.7	-4.7	-4.0	1	J
3	344	21.0	22	J	6.7	-40	270	0.0	-4.4	-2.1	5	J
4	344	20.4	23	J	6.3	65	235	-1.5	-0.3	5.8	2	J
5	334	21.9	20	J	5.1	-75	227	-0.7	-2.2	-3.5	3	J
6	342	26.9	9	J	5.8	-67	240	-1.0	-3.6	-3.6	3	J
7	352	14.8	7	J	9.3	-77	204	-1.8	-4.8	-7.4	2	J
8	353	13.6	7	J	9.7	-75	178	-2.5	-4.5	-8.1	1	J
9	351	14.5	8	J	10.4	-76	182	-2.5	-5.3	-8.5	2	J
10	350	13.4	12	J	11.7	-75	159	-2.8	-5.1	-10.1	1	J
11	349	15.4	13	J	12.3	-71	134	-2.8	-3.8	-11.4	1	J
12												
13												
14												
15	344	17.6	9	J	14.2	-14	283	3.1	-13.5	2.9	2	J
16	344	17.6	9	J	13.8	-23	286	3.3	-12.5	-0.1	5	J
17	342	22.0	11	J	13.6	-29	277	1.4	-12.9	-1.9	4	J
18	339	24.4	11	J	13.3	-24	263	-1.5	-12.9	-1.5	3	J
19	335	25.3	10	J	12.6	5	273	0.6	-11.5	4.2	3	J
20	336	33.2	22	J	8.8	37	276	0.6	-4.9	5.8	5	J
21	336	39.9	8	J	10.1	30	271	0.2	-7.6	6.5	1	J
22	329	34.8	20	J	8.8	9	297	3.8	-7.2	2.6	2	J
23	331	31.3	44	J	9.2	-22	317	4.9	-4.9	-1.9	6	J
24	335	21.6	20	J	12.4	24	292	3.9	-8.8	6.2	5	J

OCT. 21, 1991 (294)

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	331	23.3	24	J	12.6	14	109	-3.0	9.0	0.6	8	J
2	337	19.5	26	J	12.8	2	276	1.3	-11.8	3.1	3	J
3	339	29.5	30	J	9.9	-87	270	0.0	-1.4	-4.4	9	J
4	340	41.4	14	J	9.2	-41	96	-0.7	4.7	-7.9	1	J
5	337	41.8	11	J	9.4	-43	93	-0.4	4.0	-8.4	1	J
6	348	37.9	36	J	9.8	7	55	1.7	2.3	-0.6	9	J
7	348	47.8	25	J	9.2	-43	207	-5.9	-5.5	-4.1	2	J
8	345	57.3	17	J	9.2	-43	208	-5.9	-5.8	-3.9	1	J
9	339	62.2	11	J	7.7	-43	216	-4.5	-5.5	-2.7	1	J
10	338	47.0	24	J	8.7	-49	140	-2.7	-0.2	-4.6	7	J
11	345	26.0	36	J	12.9	-14	82	1.7	8.7	-9.2	2	J
12	333	19.6	26	J	14.4	-30	90	0.0	6.8	-12.6	1	J
13												
14												
15												
16												
17												
18	331	22.3	32	J	12.9	-27	99	-1.8	9.0	-8.9	2	J
19	334	26.6	27	J	12.8	-27	94	-0.8	9.5	-8.5	1	J
20	337	28.2	27	J	13.0	-29	85	1.0	9.6	-8.5	2	J
21	326	25.1	34	J	12.5	-31	107	-3.0	8.5	-7.9	3	J
22	314	26.0	40	J	12.6	-27	125	-6.3	8.0	-7.0	2	J
23	323	27.3	42	J	11.4	-7	92	-0.4	10.0	-2.9	5	J
24												

OCT. 22, 1991 (295)

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2	327	22.7	48	J	11.0	-46	20	7.0	0.8	-8.1	2	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

OCT. 23, 1991 (296)

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	289	24.7	115	J								
2	276	22.0	109	J								
3	268	19.2	79	J								
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

OCT. 27, 1991 (300)

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10					11.2	25	151	-8.2	6.1	1.4	4	J
11	560	6.3	151	J	11.5	20	140	-7.6	7.4	-0.2	4	J
12	576	5.1	120	J	11.1	20	134	-6.3	7.3	-0.5	5	J
13	573	4.7	89	J	12.1	6	133	-7.7	7.7	-3.0	3	J
14	559	4.2	105	J	12.8	3	132	-7.7	7.9	-3.4	3	J
15	563	4.4	101	J	12.2	0	136	-8.1	7.1	-3.3	3	J
16	560	4.7	95	J	12.0	4	145	-9.1	6.2	-1.7	3	J
17	549	4.8	115	J	11.6	4	153	-9.5	4.8	-0.9	4	J
18	586	4.7	105	J	11.1	-18	144	-7.9	4.6	-4.7	3	J
19	595	5.7	187	J	10.7	0	149	-8.0	4.7	-1.1	5	J
20												
21												
22	648	6.7	178	J	10.7	62	197	-3.5	-0.1	7.1	7	J
23	635	7.2	219	J	10.0	28	155	-6.8	3.7	3.5	5	J
24	672	7.2	297	J	9.3	44	174	-4.7	1.1	4.4	7	J

OCT. 28, 1991 (301)

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	678	6.8	223	J	9.4	-27	140	-4.7	3.4	-3.7	6	J
2	660	6.4	207	J	9.6	-12	153	-7.1	3.2	-2.4	5	J
3	654	6.3	176	J	9.5	-13	145	-6.1	3.7	-2.7	6	J
4	684	6.9	237	J	9.5	28	148	-5.4	4.2	2.3	6	J
5	670	6.7	197	J	9.7	9	148	-6.4	4.1	-0.2	6	J
6	648	5.7	121	J	9.6	6	149	-7.8	4.7	-0.9	3	J
7	647	5.4	135	J	8.6	-12	174	-7.6	0.0	-1.8	3	J
8	663	5.5	181	J	8.5	9	153	-5.9	3.1	-0.5	5	J
9	662	5.5	168	J	8.8	14	137	-6.0	5.8	-1.0	2	J
10	651	5.3	148	J	8.6	-1	129	-5.0	5.2	-3.3	3	J
11	681	6.4	220	J	10.8	22	110	-3.0	8.9	-1.2	7	J
12	908	13.3	1242	J	18.1	6	76	3.7	13.6	-6.1	10	J
13	909	13.6	1432	J	16.8	-12	74	4.4	11.7	-10.3	5	J
14	889	15.9	1242	J	17.2	-19	77	3.1	9.9	-10.5	10	J
15	925	16.0	807	J	24.7	-3	76	5.7	20.4	-10.7	10	J
16	994	30.5	76	J	35.4	10	93	-1.0	19.1	-4.0	30	J
17	958	40.7	95	J	41.1	46	158	-24.1	17.9	22.3	17	J
18	929	17.6	84	J	41.5	49	136	-19.1	26.2	24.3	9	J
19	924	12.1	47	J	40.2	52	125	-14.1	26.9	26.1	4	J
20	926	8.3	63	J	37.2	53	122	-11.8	24.2	25.5	3	J
21	897	9.1	56	J	34.5	53	123	-11.1	21.2	24.1	6	J
22	851	16.0	70	J	32.7	54	120	-9.5	19.9	23.7	5	J
23	831	10.6	30	J	32.3	37	113	-10.0	25.7	16.0	5	J
24	833	9.9	57	J	28.3	13	118	-12.7	24.5	3.0	6	J

91-10-29 - 91-11-10

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					OCT. 29, 1991 (302)							
1	814	6.7	52	J	25.7	-24	121	-11.8	17.8	-13.1	5	J
2	790	7.6	77	J	24.1	-39	134	-12.6	10.1	-16.8	7	J
3	785	10.2	63	J	23.8	-33	143	-15.3	8.4	-14.8	6	J
4	772	8.0	59	J	24.4	-26	150	-19.0	7.5	-13.3	1	J
5												
6												
7												
8												
9												
10	632	4.3	66	J	12.8	-48	298	4.0	-11.2	-4.3	2	J
11	640	7.2	101	J	10.8	-60	285	1.1	-7.6	-4.4	6	J
12	646	5.7	98	J	9.6	69	53	1.6	5.2	4.8	7	J
13	668	3.8	137	J	10.6	50	71	2.1	8.9	3.7	4	J
14	651	4.4	135	J	10.2	39	320	3.2	-0.9	4.2	9	J
15	637	5.6	101	J	8.7	-47	251	-1.8	-7.1	-3.2	3	J
16	660	6.0	108	J	9.4	-42	273	0.4	-8.6	-3.2	2	J
17	675	3.8	73	J	11.3	-42	286	2.3	-9.9	-4.5	2	J
18	639	6.8	78	J	11.6	-62	219	-3.9	-5.6	-8.2	5	J
19	653	5.4	48	J	12.2	-66	224	-3.5	-5.7	-9.8	3	J
20	675	2.3	32	J	11.8	-55	184	-6.6	-2.2	-9.3	2	J
21					11.7	-22	162	-10.1	2.6	-4.7	2	J
22					10.9	2	153	-9.6	4.9	-0.3	2	J
23	599	8.9	840	J	9.6	17	155	-8.1	4.1	2.2	2	J
24					8.4	10	154	-7.3	3.7	1.0	1	J
					OCT. 30, 1991 (303)							
1					7.6	4	159	-7.1	2.8	0.1	1	J
2					7.2	-1	163	-6.7	2.0	-0.5	2	J
3					5.8	3	179	-5.5	0.2	0.3	1	J
4					6.6	-3	194	-6.2	-1.6	0.1	1	J
5					6.5	-1	202	-6.0	-2.3	0.7	1	J
6					6.3	19	211	-5.0	-2.0	3.0	1	J
7					6.2	11	203	-5.5	-1.6	2.1	1	J
8	621	2.1	37	J	6.8	21	196	-5.9	-0.4	2.9	2	J
9	576	2.8	37	J	7.4	-9	194	-6.9	-2.1	-0.1	2	J
10	572	2.3	53	J	7.6	12	198	-6.1	-1.0	2.2	4	J
11	555	2.7	83	J	8.5	-15	191	-7.8	-2.4	-1.1	2	J
12	564	2.7	72	J	9.0	1	190	-8.2	-1.2	0.8	3	J
13	556	3.2	91	J	9.3	-10	168	-8.4	0.8	-2.2	3	J
14	598	5.3	99	J	11.1	-32	137	-5.9	2.7	-7.0	6	J
15	592	3.8	36	J	11.1	-39	211	-6.9	-6.4	-4.2	4	J
16	632	5.8	59	J	10.8	-64	226	-3.2	-6.5	-7.6	3	J
17	622	6.0	48	J	10.2	-59	260	-0.9	-7.6	-6.6	2	J
18	616	4.4	43	J	10.0	-87	179	-0.5	-2.4	-8.7	4	J
19	597	3.6	45	J	9.2	-6	117	-3.4	6.4	-2.3	5	J
20	595	3.6	46	J	8.8	52	153	-4.7	3.5	6.2	2	J
21	602	3.2	73	J	9.0	23	229	-4.2	-4.3	3.4	6	J
22	547	5.1	240	J	8.8	-36	186	-6.0	-1.2	-4.2	5	J
23	579	2.8	73	J	8.8	-57	206	-4.0	-2.7	-6.5	3	J
24	561	2.9	69	J	9.0	-48	199	-5.3	-2.6	-5.9	4	J
					OCT. 31, 1991 (304)							
1	548	3.0	109	J	8.4	-26	179	-7.0	-0.4	-3.4	3	J
2	519	2.2	46	J	8.1	-21	161	-6.4	1.7	-3.0	3	J
3	528	2.1	60	J	7.6	-26	204	-5.7	-3.2	-2.4	3	J
4	528	2.0	70	J	7.8	-24	215	-5.3	-4.4	-1.8	3	J
5	579	2.0	56	J	8.7	-24	206	-6.2	-3.9	-1.9	4	J
6	608	2.3	57	J	10.1	-31	261	-1.3	-9.4	-1.5	3	J
7												
8												
9												
10												
11												
12												
13	596	18.2	65	J	4.8	-30	271	0.1	-4.8	-0.1	1	J
14	590	19.0	69	J	4.4	-26	239	-1.6	-3.1	-0.2	3	J
15	573	8.3	247	J	6.2	-27	195	-4.3	-2.0	-1.6	4	J
16	593	8.4	178	J	4.3	-83	93	0.0	-0.5	-2.0	4	J
17	663	7.9	333	J	5.8	-50	318	2.1	-2.8	-2.6	5	J
18		1.1	530	J	13.8	22	342	9.7	-2.0	4.8	10	J
19					24.6	25	326	17.6	-9.4	12.2	8	J
20	855	7.	13613	J	24.2	39	328	10.8	-4.8	11.3	19	J
21	840	9.	63156	J	24.3	57	300	4.2	-5.3	13.8	19	J
22	834	12.	21544	J	25.5	11	268	-0.7	-19.2	6.3	16	J
23	817	11.	11934	J	22.3	-48	344	8.1	-3.4	-9.0	19	J
24	936	18.7	515	J	26.4	5	223	-16.2	-14.7	3.8	16	J
					NOV. 1, 1991 (305)							
1	935	15.7	145	J	39.1	26	199	-33.2	-8.9	18.6	1	J
2	933	16.7	33	J	39.9	29	198	-33.0	-7.2	20.8	4	J
3	918	17.8	25	J	40.4	32	178	-34.0	5.8	20.5	5	J
4					40.0	41	157	-27.7	18.4	22.1	2	J
5					38.6	32	152	-28.7	21.0	14.3	5	J
6	822	4.7	67	J	36.5	17	146	-28.8	22.0	2.5	4	J
7												
8												
9												
10												
11												
12												
13	703	15.2	58	J	18.9	27	116	-7.3	17.3	0.4	2	J
14	703	12.9	63	J	17.7	2	106	-4.0	12.9	-5.8	10	J
15	684	17.6	53	J	15.3	21	80	2.3	14.0	-0.6	6	J
16	654	9.9	31	J	15.5	-40	81	1.8	7.1	-13.0	4	J
17	676	5.9	34	J	14.2	-56	80	1.3	3.6	-12.8	5	J
18	671	4.8	39	J	13.0	-57	89	0.1	4.0	-12.4	1	J
19	671	5.0	44	J	12.5	-54	89	0.1	5.0	-11.4	2	J
20	649	6.7	39	J	11.6	-50	96	-0.7	5.5	-9.6	4	J
21	638	18.9	45	J	10.5	-14	80	1.6	8.6	-3.5	5	J
22	644	15.7	32	J	12.1	-33	84	1.0	9.0	-7.6	3	J
23												
24	629	13.7	43	J	11.1	-38	311	3.8	-4.9	-4.0	8	J
					NOV. 2, 1991 (306)							
1					11.6	-53	110	-2.4	5.2	-10.0	1	J
2	595	7.	11163	J	10.9	-57	107	-1.7	4.1	-10.0	1	J
3	589	5.8	42	J	8.8	-16	114	-2.9	5.9	-3.4	5	J
4	570	13.0	75	J	8.9	68	96	-0.3	5.0	6.5	4	J
5					9.8	69	349	3.4	2.3	8.8	1	J
6					9.7	53	338	5.4	0.9	8.0	1	J
7	598	3.2	17	J	9.9	35	334	6.8	-0.8	6.2	3	J
8	572	1.6	67	J	10.4	-7	318	7.6	-6.7	2.0	2	J
9					10.4	-21	318	7.1	-7.4	-0.1	2	J
10					10.3	-32	316	6.2	-7.9	-1.7	1	J
11												
12												
13												
14												
15												
16	575	3.8	39	J	11.3	-12	308	6.6	-8.7	0.9	2	J
17	546	3.9	49	J	11.4	-10	312	7.1	-8.1	0.6	4	J
18	551	3.0	38	J	11.7	-3	308	6.9	-8.8	1.7	3	J
19	558	2.9	30	J	11.8	-2	304	6.5	-9.5	1.6	2	J
20	546	3.6	41	J	12.1	-4	317	8.1	-7.6	0.5	5	J
21	547	3.5	39	J	12.3	7	311	7.5	-8.3	2.6	4	J
22	536	3.2	46	J	12.2	-7	314	8.3	-8.7	-0.5	2	J
23	510	2.7	55	J	12.2	5	319	9.1	-7.8	1.9	2	J
24	553	3.6	97	J	10.6	55	12	5.8	2.2	8.3	2	J
					NOV. 3, 1991 (307)							
1	562	4.9	198	J	9.9	52	10	5.7	2.0	7.2	3	J
2	573	6.2	382	J	9.0	36	358	6.5	0.6	4.7	4	J
3	542	7.9	791	J	9.3	11	3	8.7	0.8	1.6	3	J
4	545	7.6	433	J	11.0	7	337	9.7	-3.6	2.3	3	J
5	603	6.1	418	J	9.6	2	313	5.7	-5.7	2.2	5	J
6	727	3.5	700	J	7.7	30	351	4.4	0.3	2.7	6	J
7	749	3.0	488	J	9.3	17	318	5.8	-3.7	4.3	4	J
8	736	3.0	313	J	9.3	12	344	7.9	-1.2	2.6	4	J
9					10.0	9	338	8.7	-2.4	3.0	3	J
10	755	3.0	390	J	9.6	18	314	5.4	-3.6	4.9	5	J
11	736	2.9	279	J	9.9	7	349	7.3	-0.8	1.5	6	J
12	757	2.9	343	J	9.7	6	299	3.7	-5.5	4.0	6	J
13	743	2.8	249	J	9.8	-1	318	5.3	-4.3	2.1	6	J
14												
15												
16												
17												
18												
19												
20					9.4	19	342	8.2	-2.1	3.4	2	J
21					9.6	3	315	6.4	-6.2	1.3	4	J
22												
23												
24												
					NOV. 9, 1991 (313)							
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19					12.8	-7	66	4.8	10.5	-3.3	5	J
20					12.0	-3	187	-11.4	-1.5	-0.4	3	J
21					11.0	-26	179	-9.9	-0.3	-4.8	1	J
22												
23												
24												
					NOV. 10, 1991 (314)							
1												
2					15.6	8	60	7.7	13.5	0.4	6	J
3					20.2	18	62	8.9	17.6	3.2	6	J
4					11.5	34	59	4.8	9.2	4.4	2	J
5	485	6.3	39	J	12.4	38	52	6.0	9.5	5.1	1	J
6	463	4.4	33	J	12.0	53	44	5.2	7.9	7.3	1	J
7	435	9.1	30	J	9.7	60	41	3.6	6.0	6.4	3	J
8	449	19.4	34	J	8.7	52	44	3.7	6.1	4.5	3	J
9	444	15.6	37	J	8.7	-8	81	0.7	3.7	-2.6	7	J
10	438	10.9	47	J	7.4	10	56	3.4	5.0	-1.4	4	J
11	443	14.8	56	J								
12					10.3	37	4	8.1	3.3	5.2	1	J
13	472	7.4	48	J	10.3	33	20	7.9	4.9	3.7	3	J
14	480	10.8	49	J	9.0	40	303	2.9	-2.3	5.9	6	J
15	484	24.2	49	J	5.6	2	258	-1.1	-4.7	2.0	2	J
16	478	16.0	37	J	5.4	-30	192	-4.4	-1.7	-2.2	2	J
17	474	11.7	35	J	6.1	-13	189	-5.7	-1.2	-1.0	2	J
18	478	12.9	30	J	4.1	-1	186	-3.9	-0.4	0.0	1	J
19	471	11.1	27	J	4.6	4	156	-4.1	1.9	0.0	1	J
20	473	11.5	32	J	4.6	-1	168	-4.2	0.9	-0.2	1	J
21	470	14.5	52	J	5.9	-5	156	-5.1	2.2	-0.7	2	J
22					5.5	-9	142	-4.2	3.2	-1.1	1	J
23	458	11.5	48	J	6.2	-16	140	-4.3	3.5	-1.8	2	J
24	475	12.2	26	J	5.0	-7	48	2.8	3.1	-0.7	3	J

91-11-11 - 91-11-22

NOV. 11, 1991 (315)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	443	9.7	44	J	5.0	-6	138	-3.3	2.9	-0.7	2	J
2	449	9.7	28	J	5.2	-4	119	-2.4	4.2	-0.9	2	J
3												
4												
5												
6	408	8.4	93	J	4.5	-11	156	-3.6	1.3	-1.2	2	J
7	413	7.6	59	J	4.4	-8	155	-3.4	1.3	-1.1	2	J
8	397	10.6	57	J	5.0	-7	158	-4.5	1.4	-1.3	1	J
9	399	12.4	14	J	4.5	0	159	-4.0	1.4	-0.7	1	J
10	401	14.0	12	J	5.0	5	162	-4.6	1.5	-0.3	1	J
11	413	44.6	61	J	4.6	-3	162	-4.1	1.1	-0.8	1	J
12	399	32.9	305	J	5.5	-1	163	-5.1	1.3	-0.8	1	J
13					5.8	2	152	-5.1	2.5	-1.0	0	J
14					6.4	-5	146	-5.3	3.0	-1.9	1	J
15	371	63.7	196	J	5.9	0	158	-5.3	2.0	-0.8	2	J
16	400	18.3	34	J	4.4	12	123	-1.7	2.6	-0.2	3	J
17	384	20.8	24	J	4.2	12	134	-2.3	2.5	0.1	3	J
18	373	47.5	19	J	7.5	8	142	-5.7	4.6	0.1	3	J
19	381	73.3	19	J	9.1	-40	96	-0.7	5.4	-6.4	4	J
20					9.6	-41	56	3.5	4.4	-6.0	5	J
21					9.2	-32	73	1.6	4.9	-3.9	7	J
22					9.8	51	47	3.9	4.7	6.8	5	J
23	394	42.7	36	J	10.4	-29	91	-0.1	6.8	-4.3	7	J
24	399	40.0	24	J	7.1	19	50	2.6	3.1	1.2	6	J

NOV. 12, 1991 (316)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	409	40.3	18	J	6.3	2	216	-4.6	-3.3	0.5	3	J
2	409	38.6	11	J	6.6	-11	248	-2.4	-5.9	-0.5	2	J
3												
4												
5												
6												
7												
8												
9												
10					8.0	6	336	7.2	-2.5	2.2	1	J
11					7.4	3	332	6.5	-2.9	1.9	1	J
12	340	91.6	140	J	6.4	8	352	6.1	-0.4	1.2	1	J
13	396	18.7	5	J	6.6	7	345	6.2	-1.2	1.4	1	J
14	394	14.1	4	J	6.3	7	342	5.9	-1.5	1.5	0	J
15	394	14.2	4	J	6.2	8	343	5.8	-1.4	1.4	1	J
16	394	18.8	11	J	6.1	5	348	5.8	-1.0	0.9	1	J
17	385	16.2	8	J	6.3	6	348	6.1	-1.1	1.0	0	J
18					6.2	5	344	5.9	-1.6	0.9	1	J
19	375	16.2	10	J	5.5	-5	288	1.3	-4.0	0.3	4	J
20	360	15.8	29	J	5.9	-2	332	5.1	-2.7	0.1	1	J
21	365	15.1	24	J	6.1	2	335	5.5	-2.5	0.4	1	J
22	362	17.4	11	J	6.0	3	336	5.5	-2.4	0.5	1	J
23	358	17.1	5	J	5.4	17	329	4.4	-2.6	1.7	1	J
24	355	15.8	5	J	5.2	12	335	4.6	-2.1	1.2	0	J

NOV. 13, 1991 (317)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	350	16.6	7	J	4.7	4	330	4.0	-2.3	0.5	1	J
2	343	16.7	13	J	4.8	13	335	4.2	-1.8	1.3	1	J
3	343	13.9	15	J	5.6	20	330	4.4	-2.2	2.2	1	J
4	342	13.7	17	J	5.7	0	318	4.1	-3.6	0.8	2	J
5	335	13.8	30	J	5.7	-5	317	3.8	-3.5	0.5	2	J
6	334	14.4	55	J	6.6	9	324	5.1	-3.2	2.1	2	J
7	357	20.1	24	J	9.3	-23	309	5.2	-7.3	-0.9	3	J
8	373	22.9	17	J	10.6	-34	298	4.0	-9.2	-2.2	3	J
9												
10												
11												
12												
13	373	34.6	50	J	9.9	-54	288	1.6	-7.4	-4.3	5	J
14	376	34.9	51	J	9.0	-73	292	0.9	-5.2	-6.4	4	J
15	367	34.2	39	J	10.1	48	271	0.1	-2.0	4.9	9	J
16	369	33.2	33	J	10.6	59	253	-1.5	-2.1	9.4	4	J
17	368	32.1	51	J	9.6	30	256	-1.2	-3.9	3.9	8	J
18	374	24.3	56	J	10.4	57	177	-2.9	1.1	4.4	9	J
19	371	15.7	61	J	11.9	28	96	-1.1	11.0	3.9	3	J
20	381	19.0	69	J	10.4	21	101	-1.6	8.4	2.2	6	J
21	379	18.3	58	J	10.0	19	92	-0.3	9.2	2.4	3	J
22	394	21.6	44	J	9.5	67	190	-3.5	-0.1	8.5	2	J
23	392	21.2	35	J	8.7	43	236	-3.3	-4.6	5.8	3	J
24	391	26.5	29	J	8.0	22	218	-2.6	-2.0	1.5	7	J

NOV. 14, 1991 (318)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	398	22.5	50	J	9.2	-28	303	2.4	-3.9	-2.1	8	J
2	381	28.1	40	J	6.6	-39	65	1.6	3.0	-3.4	5	J
3	389	27.2	26	J	7.9	-48	37	4.2	2.2	-6.2	1	J
4	400	44.3	34	J	7.6	12	182	-4.1	0.0	0.9	7	J
5	408	40.9	49	J	8.9	-6	219	-1.1	-0.9	0.1	9	J
6	423	34.1	44	J	9.3	-15	56	3.8	4.8	-3.5	6	J
7	416	41.3	43	J	7.4	6	58	3.4	5.3	-1.3	4	J
8	398	39.1	44	J	6.3	-37	162	-4.0	-0.1	-3.4	4	J
9	388	27.3	35	J	8.9	-16	190	-8.2	-2.3	-1.5	3	J
10	388	22.4	46	J	9.7	-15	192	-9.1	-2.8	-1.4	1	J
11												
12												
13												
14												
15	389	25.9	24	J	9.3	53	334	4.5	0.2	7.1	4	J
16	388	11.9	19	J	9.9	29	304	4.6	-5.2	6.4	3	J
17	378	10.2	37	J	10.1	36	293	2.9	-5.3	6.9	4	J
18	397	12.8	48	J	10.1	2	256	-2.4	-9.3	2.2	2	J
19	418	14.8	61	J	11.4	-11	230	-6.6	-8.0	-0.8	5	J
20	398	15.8	50	J	12.4	43	272	0.3	-7.1	8.2	6	J
21	389	13.0	64	J	12.0	62	313	3.8	-3.3	10.7	3	J
22	427	13.5	84	J	12.6	28	13	4.6	1.2	2.5	11	J
23	443	14.5	111	J	13.6	-36	62	4.5	8.2	-7.3	7	J
24												

NOV. 15, 1991 (319)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	479	15.3	115	J	8.2	-25	118	-3.4	6.2	-3.8	2	J
2	471	17.3	72	J	8.5	-9	126	-4.9	6.6	-2.0	2	J
3	481	12.5	66	J	6.3	13	128	-3.2	4.2	0.6	4	J
4	502	11.0	88	J	5.0	-10	88	0.1	4.0	-1.6	3	J
5	521	14.1	44	J	5.7	0	113	-2.2	5.0	-1.3	1	J
6	516	11.7	57	J	6.0	-10	120	-2.8	4.3	-2.4	2	J
7	517	13.6	64	J	5.0	-1	148	-3.9	2.2	-1.0	2	J
8	518	18.8	88	J	4.3	2	181	-3.8	0.0	0.1	2	J
9	520	25.5	90	J	5.3	10	105	-1.0	3.8	-1.0	4	J
10	515	21.9	96	J	9.0	-33	53	3.7	2.6	-5.7	5	J
11	531	22.2	85	J	10.9	-3	101	-2.1	9.2	-5.2	2	J
12	535	26.4	70	J	10.5	-9	95	-0.9	8.4	-5.8	3	J
13	540	28.2	81	J	8.5	-27	79	1.4	5.1	-6.4	2	J
14												
15												
16												
17	516	28.7	58	J	6.6	-6	204	-5.7	-2.6	0.0	2	J
18	509	24.8	39	J	9.5	-8	194	-7.1	-1.9	-0.7	6	J
19	501	25.2	64	J	10.0	2	195	-8.9	-2.3	0.7	4	J
20	490	25.4	95	J	10.1	33	175	-8.3	1.3	5.3	2	J
21	481	31.6	77	J	9.0	4	217	-6.6	-4.9	0.9	3	J
22	458	32.9	58	J	9.9	7	223	-6.9	-6.4	1.4	2	J
23	447	31.0	62	J	10.2	14	228	-6.3	-6.9	2.6	3	J
24												

NOV. 16, 1991 (320)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3	410	18.8	73	J	10.8	-19	351	8.7	-1.8	-2.8	6	J
4	409	15.1	97	J	11.5	3	12	10.8	2.4	0.1	3	J
5	399	16.9	74	J	11.0	-23	2	9.7	-0.7	-4.1	3	J
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

NOV. 21, 1991 (325)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4	522	7.8	116	J								
5	519	7.8	128	J								
6	539	7.9	172	J								
7	540	7.5	148	J								
8	545	8.3	138	J								
9	534	10.0	246	J								
10												
11												
12	450	8.6	268	J								
13	471	8.6	58	J								
14	478	9.6	62	J	9.7	-7	141	-6.0	4.2	-2.6	6	J
15	486	10.6	65	J	10.4	-34	134	-5.2	3.6	-6.5	5	J
16	506	12.3	65	J	11.7	-54	129	-3.9	2.5	-9.4	5	J
17	541	12.9	78	J	12.4	-66	66	2.0	2.1	-11.5	4	J
18	529	15.0	114	J	12.0	-76	158	-2.5	-0.7	-10.7	5	J
19	516	15.4	135	J	13.2	-66	169	-4.7	-0.2	-10.8	6	J
20	573	15.0	123	J	14.1	-50	314	5.9	-6.8	-9.8	5	J
21	563	20.9	88	J	15.2	-63	330	5.5	-3.6	-12.5	6	J
22	567	19.8	76	J	16.6	-54	135	-4.1	4.1	-8.0	13	J
23	592	7.6	30	J	18.7	-8	132	-12.1	13.5	-2.5	2	J
24	571	5.5	110	J	18.4	-4	127	-10.2	13.5	-1.2	7	J

NOV. 22, 1991 (326)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	598	5.7	217	J	16.3	-38	148	-6.7	4.1	-6.2	13	J
2	615	3.0	112	J	17.3	-24	136	-11.1	10.4	-7.4	2	J
3	637	3.1	138	J	16.9	-17	142	-12.3	9.1	-5.7	3	J
4	658	2.8	122	J	16.5	-14	141	-12.1	9.1	-5.3	2	J
5	643	5.0	241	J	14.3	6	130	-8.9	10.7	-0.8	3	J
6	712	3.0	232	J	12.7	-2	146	-9.9	6.3	-2.2	4	J
7	765	2.8	338	J	11.6	-1	136	-7.0	6.4	-2.3	6	J
8	771	2.8	346	J	11.4	-2	137	-7.2	6.1	-2.7	6	J
9	764	2.6	338	J	11.2	-20	142	-7.8	4.2	-5.7	4	J
10	711	2.6	237	J	10.4	-12	153	-7.8	2.9	-3.3	5	J
11	752	2.8	341	J	10.4	11	138	-6.9	6.4	-0.9	4	J
12	753	3.2	353	J	10.7	-20	146	-6.9	3.1	-4.6	6	J
13	752	3.5	454	J	10.9	-10	161	-8.7	2.2	-2.6	6	J
14	722	3.6	387	J	11.7	8	151	-8.1	4.6	-0.3	7	J
15	667	3.8	248	J	12.8	18	166	-11.1	3.7	2.7	4	J
16	656	3.6	209	J	12.3	11	147	-9.5	6.5	0.6	4	J
17	687	4.5	234	J	11.4	55	153	-5.0	4.1	7.4	6	J
18	654	4.1	295	J	9.7	22	166	-8.0	2.5	3.0	4	J
19	633	4.4	282	J	10.0	28	170	-8.3	1.9	4.3	3	J
20	695	3.9	267	J	9.7	48	217	-3.6	-2.4	5.1	7	J
21	676	3.9	216	J	9.5	24	220	-6.2	-5.1	3.7	4	J
22	690	3.5	143	J	8.8	37	191	-5.6	-1.1	4.3	5	J
23	692	4.0	148	J	9.0	20	144	-5.5	4.0	2.5	6	J
24	704	4.0	156	J	9.1	8	128	-5.0	6.4	1.2	4	J

NOV. 23, 1991 (327)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	704	4.1	138	J	9.2	12	119	-4.3	7.8	1.8	1	J
2	697	4.2	138	J	9.8	20	123	-4.9	7.7	2.9	2	J
3												
4	695	3.8	179	J	9.6	16	121	-4.2	7.3	1.3	4	J
5	690	3.6	160	J	9.1	9	124	-4.6	6.9	-0.1	4	J
6	704	3.7	191	J	8.8	2	121	-4.0	6.4	-1.5	4	J
7	682	3.7	150	J	8.8	10	159	-6.3	2.7	0.4	5	J
8	651	3.7	160	J	8.2	-8	169	-7.5	1.0	-1.5	3	J
9	682	3.8	166	J	8.3	-33	192	-6.2	-2.8	-3.3	4	J
10	665	4.2	293	J	9.2	-14	163	-8.0	1.4	-2.9	4	J
11	692	6.2	552	J	12.4	-6	119	-5.5	8.6	-5.1	5	J
12	697	4.9	494	J	10.6	0	127	-5.7	7.0	-3.0	5	J
13	677	4.4	440	J	8.2	-15	138	-5.0	3.5	-3.3	5	J
14	662	4.1	348	J	7.7	7	124	-4.0	5.9	-1.1	3	J
15	669	4.2	313	J	7.3	20	149	-5.1	3.5	1.2	4	J
16	673	3.9	290	J	7.3	25	148	-5.1	3.8	2.0	3	J
17	670	3.6	322	J	7.0	27	154	-5.2	3.1	2.4	3	J
18	674	3.5	205	J	6.9	27	177	-5.6	0.7	2.8	3	J
19	698	3.9	143	J	6.8	23	220	-4.4	-3.4	2.8	3	J
20	694	3.8	92	J	6.8	-4	228	-4.4	-4.9	-0.2	2	J
21												
22												
23												
24												

NOV. 24, 1991 (328)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7					5.6	-8	124	-2.9	3.9	-2.0	2	J
8	586	1.9	98	J	5.8	-20	153	-4.7	1.6	-2.6	2	J
9	581	2.0	86	J	6.1	-18	166	-5.4	0.6	-2.2	2	J
10	549	2.1	84	J	6.6	19	177	-6.0	1.1	1.8	2	J
11	553	1.8	74	J	6.7	28	186	-5.0	0.6	2.7	3	J
12					7.2	34	162	-5.1	2.9	2.7	3	J
13	579	2.5	106	J	8.4	39	127	-3.7	6.4	2.9	3	J
14					7.9	15	111	-2.7	7.2	-0.4	2	J
15	558	1.8	110	J	5.8	-4	89	0.1	4.8	-1.8	3	J
16	581	2.1	85	J	5.7	20	69	1.6	4.5	0.6	3	J
17					6.5	16	69	1.9	5.0	0.6	4	J
18					6.6	24	50	3.6	4.6	1.9	3	J
19	569	2.6	81	J	7.4	-10	66	2.7	6.0	-1.7	3	J
20	547	2.4	69	J	6.5	-15	99	-0.9	5.4	-1.7	3	J
21												
22												
23												
24												

NOV. 25, 1991 (329)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	483	5.4	130	J	6.1	32	155	-4.4	3.0	2.1	2	J
14	492	5.1	93	J	6.3	50	169	-3.2	1.8	3.5	4	J
15	478	5.1	102	J	6.3	49	149	-3.1	2.9	3.5	3	J
16	473	5.0	113	J	5.7	-16	134	-3.4	3.1	-2.2	3	J
17	459	4.6	66	J	5.8	-11	158	-4.6	1.6	-1.3	3	J
18	493	4.4	71	J	5.7	-11	112	-1.7	4.0	-1.4	3	J
19	458	3.9	50	J	5.9	20	184	-4.8	-0.2	1.8	3	J
20	450	3.8	53	J	5.9	-12	236	-2.4	-3.6	-0.8	4	J
21	473	3.9	50	J	5.7	2	245	-2.3	-4.9	0.2	2	J
22												
23												
24												

NOV. 26, 1991 (330)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	425	6.5	100	J	4.6	-1	137	-3.2	2.8	-1.1	1	J
14	431	6.9	81	J	4.4	12	127	-2.0	2.7	-0.2	3	J
15	405	7.5	132	J	4.2	-19	163	-3.2	0.6	-1.4	2	J
16	411	6.1	81	J	4.3	-22	180	-3.6	-0.3	-1.4	2	J
17	400	5.4	29	J	5.1	-2	191	-4.8	-0.9	0.0	1	J
18	402	4.7	32	J	5.0	13	186	-4.7	-0.4	1.1	1	J
19	399	4.8	33	J	5.2	3	194	-4.7	-1.2	0.3	2	J
20	400	5.0	35	J	5.3	18	207	-4.2	-2.1	1.6	2	J
21	403	5.0	31	J	5.1	32	163	-3.9	1.2	2.5	2	J
22												
23												
24	401	6.2	38	J	5.4	22	132	-3.1	3.4	2.0	2	J

NOV. 27, 1991 (331)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	396	6.0	35	J	5.7	-1	159	-4.9	1.9	-0.1	2	J
2	402	6.4	24	J	5.9	-19	149	-4.5	2.6	-1.8	2	J
3	389	6.7	38	J	6.5	-6	172	-6.2	0.8	-0.7	2	J
4	387	7.3	39	J	7.0	-3	160	-6.5	2.3	-0.6	1	J
5	386	6.3	45	J	6.4	19	158	-5.4	2.5	1.6	2	J
6	395	6.2	37	J	6.2	35	186	-3.8	0.2	2.7	4	J
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18	366	5.3	32	J	6.0	-18	178	-5.2	0.0	-1.7	2	J
19	375	5.7	35	J	6.0	-15	125	-3.3	4.6	-1.8	1	J
20	382	5.7	33	J	6.0	45	162	-3.0	1.1	3.2	4	J
21	395	5.5	30	J	6.0	21	118	-1.7	3.1	1.4	5	J
22	387	5.9	37	J	5.4	-16	121	-1.9	3.2	-1.0	4	J
23	387	6.6	30	J	5.7	41	111	-1.5	3.6	3.7	2	J
24												

NOV. 28, 1991 (332)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17					14.1	18	125	-7.6	11.5	2.5	1	J
18	360	28.4	52	J								
19					15.1	33	159	-11.7	5.0	7.9	1	J
20	367	21.4	63	J	13.2	-12	129	-6.5	8.0	-2.3	8	J
21	401	28.8	81	J	10.8	-65	318	2.4	-2.1	-7.1	7	J
22	412	25.5	108	J	9.9	-8	312	5.6	-6.1	-1.4	6	J
23	385	18.6	131	J	12.4	-3	131	-6.1	7.0	-0.1	9	J
24	384	16.7	128	J	12.4	-46	110	-2.4	7.1	-7.1	7	J

NOV. 29, 1991 (333)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	405	27.6	110	J	8.3	-41	293	2.0	-4.6	-4.6	5	J
2	429	17.0	148	J	11.1	-26	300	4.6	-8.0	-4.5	4	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

DEC. 3, 1991 (337)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23					7.2	22	345	5.8	-1.8	2.3	2	J
24												

91-12-04 - 91-12-11

DEC. 4, 1991 (338)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4	562	5.1	59	J	7.3	2	301	3.6	-5.9	0.6	2	J
5	563	5.7	93	J	6.8	3	322	4.3	-3.3	0.7	4	J
6	569	5.7	85	J	6.4	-27	352	3.9	-0.9	-1.9	5	J
7	569	6.4	101	J	6.8	19	5	4.5	0.8	1.4	5	J
8	564	5.7	65	J	6.5	8	341	4.6	-1.3	1.1	4	J
9	565	5.9	78	J	6.6	38	341	4.2	-0.3	3.7	3	J
10	565	5.8	84	J	6.4	11	316	3.8	-3.1	2.2	3	J
11	555	5.2	46	J	6.0	-1	331	4.8	-2.5	0.8	2	J
12	548	5.2	52	J	6.7	0	325	5.2	-3.4	1.2	2	J
13					7.1	3	321	5.3	-4.0	1.6	2	J
14	533	5.8	90	J	7.1	-7	318	4.2	-3.8	0.3	4	J
15	556	5.7	79	J	6.6	-10	323	3.6	-2.8	-0.2	5	J
16	569	6.0	110	J	6.6	41	311	2.7	-2.5	4.1	3	J
17	562	5.7	100	J	7.0	30	4	3.9	0.5	2.2	5	J
18	546	5.7	105	J	7.0	27	19	5.0	1.9	2.6	4	J
19	559	6.0	136	J	7.0	10	341	3.4	-1.2	0.7	6	J
20	551	5.8	167	J	6.3	18	333	3.5	-1.8	1.2	5	J
21	565	5.6	147	J	6.3	38	326	2.6	-1.9	2.4	5	J
22	586	5.5	143	J	5.9	-3	279	0.7	-4.7	-0.6	3	J
23	586	5.3	128	J	6.8	30	266	-0.3	-5.1	2.3	4	J
24	587	5.5	140	J	6.6	19	264	-0.6	-5.4	1.3	4	J

DEC. 5, 1991 (339)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8	541	5.0	89	J	5.8	-10	299	2.7	-5.0	0.4	1	J
9	536	5.3	104	J	5.5	-16	308	3.1	-4.3	-0.2	1	J
10	537	5.2	73	J	5.7	22	291	1.2	-2.6	2.3	4	J
11	509	4.5	47	J	5.8	29	340	4.3	-0.6	2.9	3	J
12	482	4.7	75	J	5.9	30	351	4.9	0.2	2.9	2	J
13	494	4.8	48	J	6.1	20	312	3.5	-3.2	3.0	2	J
14	485	4.8	77	J	5.7	10	325	3.9	-2.4	1.5	3	J
15	469	5.3	130	J	5.8	7	2	5.4	0.3	0.6	2	J
16	465	5.3	125	J	5.8	-18	350	5.2	-1.2	-1.5	2	J
17	455	6.3	164	J	6.1	1	332	4.7	-2.5	0.4	3	J
18	459	6.3	114	J	6.1	21	325	3.9	-2.6	2.0	3	J
19	428	7.9	227	J	5.9	-5	4	5.6	0.4	-0.5	2	J
20	454	5.0	52	J	6.2	-10	324	4.1	-2.9	-1.0	3	J
21	478	4.5	38	J	6.5	22	275	0.5	-5.3	1.8	3	J
22	473	4.8	35	J	6.8	17	282	1.3	-6.2	1.3	2	J
23	458	5.0	35	J	6.7	34	328	4.1	-2.9	3.0	3	J
24	468	5.0	59	J	5.3	-2	323	2.7	-2.0	-0.3	4	J

DEC. 6, 1991 (340)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					5.9	17	100	-1.0	5.4	2.2	1	J
2	465	5.5	56	J	6.1	8	299	2.5	-4.5	0.5	3	J
3	461	5.5	37	J	6.2	31	309	3.1	-3.8	2.9	2	J
4	468	5.6	43	J	5.8	-15	292	1.7	-4.4	-1.0	3	J
5	441	5.1	62	J	5.4	1	332	4.5	-2.4	0.4	2	J
6												
7												
8												
9												
10												
11	458	5.8	41	J	5.4	-3	266	-0.3	-3.9	1.1	4	J
12	468	5.9	28	J	5.5	-10	255	-1.3	-4.8	0.6	2	J
13	446	5.8	48	J	5.1	2	296	1.8	-3.5	1.2	3	J
14	442	6.0	63	J	5.3	12	299	1.9	-3.1	1.7	3	J
15	435	5.3	66	J	5.8	21	360	5.2	0.4	2.0	2	J
16	436	4.8	51	J	5.9	31	7	4.9	1.1	2.9	1	J
17	432	5.3	59	J	5.7	37	344	4.1	-0.8	3.4	2	J
18	421	6.0	72	J	5.2	27	328	3.5	-2.1	2.2	3	J
19	407	6.7	28	J	5.1	30	327	3.2	-2.1	2.2	3	J
20	431	7.5	29	J	5.4	6	256	-1.2	-4.7	0.3	2	J
21	429	7.7	28	J	5.5	-4	260	-0.8	-4.7	-0.7	3	J
22	409	8.0	29	J	5.6	-21	294	1.8	-3.8	-2.1	3	J
23	419	8.9	25	J	5.8	44	268	-0.1	-3.6	2.8	4	J
24	434	9.0	28	J	6.0	12	238	-3.0	-4.8	0.7	2	J

DEC. 7, 1991 (341)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	418	9.1	24	J	5.9	-7	261	-0.9	-5.5	-1.2	2	J
2	423	9.4	23	J	6.2	17	255	-1.5	-5.6	1.4	1	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	378	11.7	22	J	7.6	-3	295	3.0	-6.2	1.4	3	J
14	363	10.9	24	J	7.6	0	346	6.6	-1.6	0.4	3	J
15	363	11.0	25	J	7.4	1	330	5.9	-3.3	0.8	3	J
16	366	11.8	21	J	7.8	0	314	5.2	-5.3	0.8	2	J
17	356	11.8	27	J	7.9	-7	323	5.9	-4.5	-0.5	3	J
18	358	11.8	27	J	8.0	18	324	5.9	-4.2	2.6	2	J
19	347	11.8	50	J	7.7	8	340	7.0	-2.5	1.0	2	J
20												
21												
22												
23												
24												

DEC. 8, 1991 (342)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	361	27.8	24	J	11.0	-48	282	1.4	-8.3	-5.4	4	J
14	357	27.8	27	J	11.4	-27	292	3.5	-9.6	-2.6	4	J
15	368	19.5	25	J	13.3	21	309	5.1	-5.6	4.3	10	J
16	376	12.4	16	J	14.2	66	331	5.1	-0.9	13.2	1	J
17	366	13.0	20	J	13.6	60	342	6.4	-1.0	11.8	2	J
18	379	17.3	21	J	12.7	49	342	7.9	-2.2	9.6	2	J
19	380	16.4	18	J	13.5	55	342	7.2	-2.4	10.8	3	J
20	385	14.8	13	J	13.8	67	352	5.3	-1.4	12.5	2	J
21												
22	365	11.5	7	J	13.8	62	3	6.5	-1.0	12.1	1	J
23	339	13.9	18	J	13.6	57	10	7.3	-0.1	11.5	1	J
24	361	18.7	24	J	12.0	55	344	6.5	-3.0	9.4	2	J

DEC. 9, 1991 (343)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2	349	33.0	27	J	9.3	42	55	3.9	5.1	6.5	2	J
3	350	33.2	25	J	8.8	48	45	3.9	3.7	6.3	3	J
4	356	33.2	26	J	9.9	54	38	4.1	3.4	7.1	5	J
5	367	26.3	28	J	11.3	55	50	3.7	5.0	7.7	6	J
6	372	21.4	21	J	12.3	57	24	5.9	4.1	9.5	3	J
7	370	19.7	19	J	12.6	53	40	5.5	6.4	8.4	4	J
8	382	23.5	14	J	11.7	48	29	6.6	5.6	7.2	3	J
9												
10	393	40.7	11	J	8.4	64	42	2.6	4.3	6.1	3	J
11	373	15.5	38	J	13.3	2	312	8.6	-9.0	3.3	3	J
12	382	11.3	33	J	14.3	-18	298	6.3	-12.7	-0.8	1	J
13												
14												
15	401	13.7	101	J	10.5	38	52	4.5	6.7	4.5	5	J
16	399	13.0	117	J	10.9	-9	327	7.2	-4.8	-0.7	7	J
17	418	13.7	117	J	10.1	-35	301	3.7	-6.6	-4.5	5	J
18	432	10.1	96	J	11.9	-6	318	7.7	-7.0	-0.9	6	J
19	465	7.4	167	J	12.5	13	314	7.9	-8.2	2.5	4	J
20	466	7.0	131	J	12.7	-18	315	8.2	-8.0	-4.3	3	J
21	440	7.1	105	J	12.9	-12	328	10.5	-6.3	-3.2	3	J
22	451	7.3	98	J	13.1	-3	324	9.9	-7.0	-1.5	5	J
23	473	6.7	160	J	13.8	14	326	10.8	-7.6	2.3	3	J
24	498	7.1	227	J	15.2	-2	318	11.1	-9.9	-1.8	2	J

DEC. 10, 1991 (344)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	530	6.1	255	J	15.8	-10	310	9.7	-11.2	-4.0	4	J
2	523	5.3	131	J	15.8	2	325	12.4	-8.7	-0.2	4	J
3	506	6.7	193	J	14.9	13	340	12.5	-4.6	2.9	6	J
4	484	8.0	169	J	15.8	12	329	13.0	-7.8	3.4	3	J
5	489	8.3	166	J	16.5	5	316	11.6	-11.1	2.3	3	J
6	487	9.1	175	J	16.2	-3	319	12.0	-10.4	0.6	3	J
7	496	12.2	269	J	14.5	8	319	9.6	-7.9	3.4	6	J
8	477	12.8	302	J	13.9	7	331	11.6	-5.9	3.1	4	J
9												
10												
11												
12												
13												
14												
15												
16	445	11.6	115	J	11.3	16	316	6.2	-5.6	3.3	7	J
17	447	10.5	105	J	11.6	-25	311	6.0	-7.2	-3.7	6	J
18	439	9.8	105	J	11.8	-28	312	6.7	-7.6	-5.1	3	J
19	435	10.5	116	J	11.5	-17	315	7.2	-7.1	-3.3	4	J
20	448	10.5	99	J	11.3	-1	322	7.4	-5.8	-0.6	6	J
21	440	11.5	164	J	10.7	-13	350	8.6	-1.3	-2.2	6	J
22	439	12.4	250	J	10.1	-11	354	8.2	-0.7	-1.7	6	J
23	480	15.3	180	J	12.8	-40	324	5.7	-3.3	-6.4	9	J
24	477	16.4	171	J	14.1	26	348	10.2	-2.9	4.7	8	J

DEC. 11, 1991 (345)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	467	15.0	155	J	13.0	7	349	11.0	-2.3	1.1	6	J
2	456	13.9	140	J	11.8	7	2	10.4	0.2	1.3	5	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17	499	7.3	101	J	7.0	-28	354	5.5	-0.8	-2.9	3	J
18	506	6.0	75	J	7.4	0	320	5.1	-4.2	0.1	3	J
19	492	5.9	56	J	7.4	1	345	6.7	-1.8	0.1	2	J
20	503	6.6	95	J	7.0	-8	329	4.8	-2.8	-1.0	4	J
21	503	7.1	95	J	7.2	-8	333	5.6	-2.7	-1.2	3	J
22	510	7.3	105	J	7.3	14	356	5.2	-0.5	1.2	5	J
23	542	7.2	119	J	7.3	-44	287	1.0	-2.7	-3.7	6	J
24	556	6.7	115	J	7.9	-29	264	-0.6	-5.3	-4.1	4	J

91-12-16 - 91-12-23

DEC. 16, 1991 (350)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20	444	10.6	492	J								
21	460	10.1	357	J								
22	510	10.9	262	J								
23	542	9.7	289	J								
24	543	7.9	159	J								

DEC. 17, 1991 (351)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	543	8.1	182	J								
2	551	8.1	199	J								
3												
4												
5	592	8.7	344	J								
6	568	9.1	293	J								
7	570	9.3	332	J								
8	564	9.5	320	J								
9	564	9.1	208	J								
10	572	9.1	159	J								
11	573	11.3	295	J								
12	584	12.5	386	J								
13	579	11.8	306	J								
14	582	11.3	363	J								
15	579	11.3	328	J								
16	549	8.7	261	J								
17	570	8.9	336	J								
18	594	8.1	290	J								
19	633	3.1	140	J	5.9	-26	155	-3.9	2.0	-2.0	3	J
20	624	2.9	123	J	5.7	-26	163	-4.6	1.7	-2.1	2	J
21	633	3.1	91	J	5.6	-6	157	-4.8	2.1	-0.2	2	J
22	618	3.0	141	J	5.5	2	158	-4.5	1.8	0.5	2	J
23	622	3.3	146	J	5.2	-23	162	-3.9	1.6	-1.5	2	J
24	581	6.2	105	J	5.8	5	159	-5.2	1.9	0.9	1	J

DEC. 18, 1991 (352)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3					4.8	-11	360	4.4	0.1	-0.9	1	J
4	551	2.8	42	J	5.6	-67	94	-0.1	1.0	-2.0	5	J
5	546	2.9	41	J	5.6	-34	176	-4.4	0.3	-3.0	2	J
6	529	2.8	47	J	5.9	-31	163	-4.5	1.2	-2.9	2	J
7	522	3.5	34	J	6.5	1	138	-4.6	4.1	-0.4	2	J
8	502	3.9	31	J	6.6	-16	154	-4.9	2.1	-2.0	3	J
9	505	3.5	21	J	7.0	-55	153	-3.3	0.5	-5.6	3	J
10	496	3.3	15	J	7.8	-19	145	-5.9	3.4	-3.4	1	J
11	487	3.8	19	J	7.8	-3	137	-5.5	4.9	-1.6	2	J
12	488	4.2	15	J	7.5	1	129	-4.7	5.6	-1.2	1	J
13	488	4.0	13	J	7.4	3	128	-4.5	5.7	-0.8	1	J
14	497	7.5	115	J	7.8	3	139	-5.8	5.0	-0.4	1	J
15					7.9	3	142	-6.0	4.7	-0.2	2	J
16	491	6.7	18	J	8.2	32	123	-3.7	6.0	3.8	2	J
17	485	6.3	20	J	8.4	25	114	-3.0	6.9	3.3	2	J
18					8.5	19	112	-3.0	7.4	3.0	1	J
19	454	6.1	36	J	8.9	17	135	-5.7	5.5	2.9	3	J
20	460	7.7	41	J	9.9	24	135	-6.0	5.5	4.5	4	J
21	476	7.0	25	J	12.8	26	141	-8.5	5.9	6.4	4	J
22	473	5.2	22	J	11.8	33	169	-9.6	0.6	6.6	2	J
23	460	5.8	47	J	11.2	27	160	-9.2	2.3	5.6	2	J
24	461	5.5	26	J	10.5	22	162	-9.0	2.1	4.3	3	J

DEC. 19, 1991 (353)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	449	3.9	17	J	10.3	19	185	-9.6	-1.4	3.1	2	J
2												
3												
4												
5												
6												
7												
8	423	5.0	19	J	12.3	-25	178	-10.5	-0.5	-4.9	4	J
9	454	5.1	34	J	13.2	-48	212	-7.3	-6.4	-8.4	3	J
10	464	6.1	34	J	14.1	-54	214	-6.1	-6.3	-9.0	6	J
11	435	5.4	34	J	13.1	-48	209	-7.3	-6.1	-8.1	4	J
12					12.4	-44	188	-8.8	-3.0	-8.1	1	J
13	426	4.9	38	J	12.5	-48	196	-7.9	-4.0	-8.5	2	J
14	425	4.4	31	J	12.7	-47	209	-7.1	-5.3	-8.0	4	J
15	417	3.8	33	J	11.9	-38	159	-8.1	2.3	-7.1	5	J
16	415	3.3	27	J	11.0	-33	146	-7.4	4.6	-6.1	3	J
17	412	3.3	32	J	10.6	-43	147	-6.3	4.0	-7.0	3	J
18	385	3.2	25	J	10.4	-31	155	-8.1	4.0	-5.2	1	J
19	371	2.4	26	J	10.5	-34	159	-8.1	3.6	-5.6	1	J
20	355	2.7	28	J	11.1	-26	157	-9.2	4.5	-4.3	1	J
21	347	2.5	29	J	11.4	8	152	-9.7	4.8	2.4	3	J
22	331	2.6	13	J	11.6	4	159	-10.6	3.8	1.6	2	J
23	339	2.7	21	J	11.8	12	155	-10.5	4.3	3.4	1	J
24	330	2.5	17	J	12.1	17	158	-10.6	3.5	4.3	1	J

DEC. 20, 1991 (354)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	335	2.3	11	J	12.0	18	161	-10.6	2.9	4.3	2	J
2	347	3.6	79	J	12.1	2	155	-10.9	4.9	1.2	2	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15					12.8	-26	175	-9.8	0.3	-4.9	7	J
16	456	14.3	108	J	10.8	-28	213	-6.7	-4.6	-4.0	6	J
17	453	17.0	117	J	11.9	20	223	-7.4	-6.9	3.7	5	J
18	459	16.5	173	J	11.3	3	139	-6.6	5.7	0.7	7	J
19	468	16.5	221	J	10.0	38	222	-5.4	-5.4	5.2	4	J
20												
21	521	10.6	166	J	13.5	11	98	-1.6	11.0	4.3	6	J
22	537	11.5	235	J	13.5	1	127	-5.1	6.6	1.5	10	J
23	530	11.6	151	J	14.8	9	143	-11.1	7.7	4.0	4	J
24	534	11.2	125	J	14.9	8	141	-11.0	8.3	3.9	4	J

DEC. 21, 1991 (355)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	559	12.3	196	J	14.2	-3	142	-9.9	7.7	0.9	7	J
2	564	12.3	168	J	14.2	-4	132	-9.1	10.2	0.8	4	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	700	5.6	296	J	5.6	-6	193	-5.0	-1.2	-0.3	2	J
14	688	5.2	138	J	6.4	-3	169	-6.0	1.1	-0.5	2	J
15	675	4.7	124	J	6.0	-15	172	-5.4	0.6	-1.5	2	J
16	654	4.6	157	J	6.3	13	152	-5.1	2.8	1.2	2	J
17	666	4.2	191	J	5.2	23	148	-2.8	1.8	1.4	4	J
18	640	4.0	286	J	4.9	-8	170	-4.2	0.8	-0.6	2	J
19	639	4.1	225	J	4.6	1	135	-2.7	2.7	0.3	3	J
20	651	4.2	159	J	4.2	-3	109	-0.9	2.7	0.3	3	J
21	641	4.4	164	J	4.5	20	108	-1.2	3.3	2.1	2	J
22												
23												
24												

DEC. 22, 1991 (356)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	441	8.1	22	J	6.4	40	111	-1.7	4.9	3.6	1	J
16	433	7.1	20	J	6.6	31	116	-2.4	5.2	3.1	2	J
17	446	7.9	31	J	7.5	62	94	-0.2	3.4	6.6	1	J
18	471	9.2	17	J	10.3	64	84	0.5	3.9	9.4	2	J
19	476	12.2	34	J	11.1	56	97	-0.7	5.0	9.6	2	J
20	474	13.4	29	J	11.7	58	94	-0.4	4.4	10.4	3	J
21	473	14.9	29	J	12.3	66	91	-0.1	2.7	11.7	3	J
22	481	17.8	28	J	13.2	53	74	2.1	4.9	11.3	4	J
23	474	19.3	29	J	13.8	38	79	2.0	7.9	10.1	5	J
24	471	19.3	27	J	13.1	23	79	2.3	10.3	7.7	1	J

DEC. 23, 1991 (357)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17	445	4.9	60	J	4.5	-45	159	-2.2	0.9	-2.3	3	J
18	439	5.2	64	J	4.7	-24	140	-3.0	2.6	-1.6	2	J
19	474	10.3	114	J	6.9	1	135	-4.4	4.3	0.6	3	J
20	470	9.6	87	J	6.6	-12	121	-3.0	5.1	-0.4	3	J
21	468	9.6	35	J	7.6	-21	107	-2.0	7.0	-1.3	2	J
22	472	7.8	35	J	7.5	13	101	-1.1	5.0	2.5	5	J
23	472	6.7	56	J	6.5	-41	106	-1.3	5.3	-2.9	2	J
24	483	7.0	39	J	6.7	-7	88	0.2	6.1	0.7	3	J

91-12-24 - 92-01-05

DEC. 24, 1991 (358)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	475	7.1	32	J	6.6	-22	88	0.2	6.3	-1.0	2	J
2	480	6.0	29	J	6.5	-31	79	0.9	5.3	-2.0	3	J
3	443	6.4	40	J	5.9	-44	127	-2.4	3.8	-3.4	2	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15					5.4	-29	69	1.6	3.9	-2.7	2	J
16	398	9.0	21	J	5.5	-16	95	-0.4	4.6	-1.5	3	J
17	392	9.2	22	J	5.0	-16	100	-0.7	4.1	-1.1	3	J
18	387	9.4	20	J	4.8	-15	95	-0.4	4.5	-0.9	2	J
19	394	9.8	20	J	5.1	8	65	1.8	3.8	1.1	3	J
20	394	9.8	22	J	5.3	-4	73	1.3	4.3	0.4	3	J
21	376	8.7	19	J	5.3	-3	111	-1.7	4.4	0.7	2	J
22	369	8.4	16	J	5.3	-12	106	-1.3	4.8	0.1	2	J
23	365	7.5	18	J	5.1	23	145	-3.6	2.0	2.4	2	J
24	363	7.4	18	J	4.8	-5	135	-3.3	3.3	0.4	1	J

DEC. 29, 1991 (363)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7	518	37.5	45	J	7.8	4	335	6.5	-3.0	0.6	3	J
8	513	27.8	28	J	10.9	2	342	9.8	-3.1	0.6	3	J
9	508	28.7	28	J	10.1	9	342	9.0	-2.7	1.9	2	J
10	498	31.8	26	J	11.4	3	346	10.9	-2.6	1.0	2	J
11	492	28.6	15	J	10.6	6	339	9.5	-3.4	1.6	2	J
12	487	24.4	16	J	11.4	6	342	10.4	-3.2	1.6	2	J
13	481	21.8	19	J	10.3	-13	347	9.6	-2.5	-2.0	1	J
14	473	16.8	29	J	11.3	-11	335	9.8	-4.7	-1.7	2	J
15	473	12.2	33	J	10.2	-1	336	8.9	-3.9	0.0	2	J
16	459	10.6	45	J	10.4	2	324	8.0	-5.8	0.3	2	J
17	467	16.6	43	J	11.4	3	305	6.1	-8.8	0.1	3	J
18	479	26.5	65	J	10.3	7	300	4.9	-8.5	0.3	2	J
19												
20												
21												
22												
23												
24												

DEC. 30, 1991 (364)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	483	24.0	36	J	9.4	-34	247	-2.6	-4.7	-6.0	5	J
2	477	25.4	26	J	8.6	-57	174	-3.7	1.8	-5.5	5	J
3	472	27.4	33	J	7.9	-44	144	-4.4	4.2	-4.5	2	J
4	460	21.9	35	J	7.7	19	30	0.5	0.3	0.2	8	J
5	448	13.1	29	J	8.1	32	333	5.8	-3.3	3.8	3	J
6	447	15.5	25	J	7.2	39	304	2.9	-4.3	4.1	3	J
7	453	26.1	283	J	8.7	55	317	3.6	-3.1	7.2	1	J
8	450	14.8	21	J	8.6	53	323	4.0	-2.5	6.9	2	J
9	455	11.3	16	J	9.1	38	12	7.2	2.2	5.1	1	J
10	445	12.7	15	J	8.5	43	21	5.8	3.0	5.4	1	J
11	444	11.2	9	J	9.4	43	22	6.4	3.5	6.0	1	J
12	447	17.0	20	J	9.2	45	33	5.4	4.3	5.9	2	J
13	435	17.7	43	J	11.7	11	345	9.9	-2.4	2.3	6	J
14	427	19.1	43	J	7.7	2	278	0.9	-6.3	0.7	5	J
15	419	18.8	26	J	7.3	-30	279	0.8	-5.2	-2.8	5	J
16	430	9.9	18	J	10.8	39	359	8.2	-0.2	6.6	2	J
17	455	12.7	171	J	11.1	29	335	8.7	-4.4	5.1	1	J
18					12.1	26	331	9.4	-5.8	4.6	1	J
19	402	13.5	205	J	13.1	21	326	9.8	-7.3	3.4	3	J
20					12.8	16	316	8.7	-9.0	1.6	2	J
21					12.0	28	309	6.6	-9.2	3.4	2	J
22	403	9.6	22	J	11.6	29	327	8.1	-6.6	3.7	3	J
23	415	13.7	24	J	10.2	51	323	4.7	-5.5	5.9	4	J
24	416	16.6	14	J	9.2	56	334	4.4	-4.2	6.4	3	J

DEC. 31, 1991 (365)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6	380	5.8	37	J	8.9	10	342	7.8	-2.6	1.4	3	J
7	376	7.8	119	J	9.6	14	337	8.2	-3.4	2.3	3	J
8	380	6.9	108	J	8.8	21	335	7.2	-3.1	3.3	2	J
9	370	6.4	103	J	8.7	-15	335	6.5	-3.2	-1.6	5	J
10	376	8.0	72	J	8.7	15	341	6.9	-2.1	2.3	4	J
11	394	5.9	60	J	9.1	4	308	5.2	-6.5	1.5	3	J
12	377	5.2	62	J	8.5	22	14	7.0	2.1	2.7	3	J
13	405	5.2	67	J	8.1	62	34	2.5	2.3	5.4	5	J
14	370	5.4	89	J	7.7	22	353	6.6	-0.6	2.7	3	J
15	408	8.8	177	J	11.0	-8	10	7.3	1.3	-1.1	8	J
16	410	12.1	378	J	12.2	3	359	10.1	-0.2	0.5	7	J
17	417	9.8	317	J	11.6	-12	315	7.6	-7.4	-2.8	4	J
18	446	9.6	301	J	9.9	-15	290	3.2	-8.3	-3.5	3	J
19	405	11.0	517	J	9.6	-6	337	8.0	-3.2	-1.5	4	J
20	429	10.9	305	J	9.5	11	25	5.4	2.2	1.7	7	J
21	464	12.2	221	J	9.4	76	271	0.0	-3.9	7.1	5	J
22	440	11.4	235	J	9.5	4	294	3.4	-7.6	-1.6	4	J
23	431	11.3	255	J								
24												

JAN. 2, 1992 (002)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16					13.1	49	260	-1.5	-8.8	9.6	1	J
17					11.2	58	259	-1.1	-6.3	8.6	4	J
18					8.2	17	249	-2.6	-7.1	1.3	3	J
19	420	10.3	115	J	5.8	77	29	1.0	-0.4	4.9	3	J
20												
21												
22	465	8.9	39	J	5.3	42	204	-3.0	-2.1	2.4	3	J
23	451	7.7	59	J	4.5	10	222	-3.1	-2.9	-0.2	2	J
24	440	7.4	26	J	4.9	-53	208	-2.5	-0.1	-4.0	2	J

JAN. 3, 1992 (003)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	444	6.0	35	J	5.9	-13	196	-5.2	-1.1	-1.7	2	J
2	436	6.2	32	J	6.1	-29	202	-4.8	-1.1	-3.3	2	J
3	433	9.7	32	J	5.5	-43	219	-3.0	-1.5	-4.1	2	J
4					5.4	-25	230	-2.9	-3.0	-2.7	2	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	427	4.8	30	J	10.2	-35	310	5.2	-6.5	-5.4	3	J
15	420	4.0	32	J	10.3	-1	298	4.5	-8.5	-0.1	4	J
16	435	2.7	15	J	11.8	14	290	3.9	-10.8	2.4	1	J
17	442	2.9	14	J	12.3	29	286	3.0	-10.9	5.0	1	J
18	436	3.9	14	J	12.6	3	285	3.2	-12.0	-1.1	1	J
19	438	5.9	13	J	12.2	-7	290	4.1	-10.8	-3.7	2	J
20	436	7.4	20	J	12.0	-9	298	5.5	-9.6	-4.3	1	J
21	416	8.4	23	J	11.8	-32	319	7.3	-4.4	-7.6	3	J
22	410	7.5	33	J	11.1	-38	353	8.5	1.0	-6.7	2	J
23	434	7.1	113	J	11.6	-9	309	5.9	-6.4	-3.7	7	J
24	420	6.2	75	J	12.0	12	308	7.1	-9.4	-0.6	2	J

JAN. 4, 1992 (004)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	451	5.7	131	J	12.0	25	312	6.4	-8.2	2.1	6	J
2	456	5.2	140	J	11.8	17	306	6.3	-9.2	0.7	4	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	482	7.4	75	J	12.0	5	296	5.2	-10.7	1.0	2	J
16	479	6.8	65	J	11.7	4	295	4.8	-10.2	0.3	3	J
17	446	6.1	49	J	11.4	9	316	7.8	-7.7	0.9	3	J
18	453	6.6	61	J	11.3	-1	306	6.3	-8.6	-1.5	3	J
19	451	6.6	66	J	11.4	1	301	5.6	-9.2	-1.7	3	J
20	473	7.0	50	J	11.3	7	294	4.2	-9.4	-1.1	5	J
21	465	7.6	56	J	11.3	-8	303	5.5	-7.7	-3.8	5	J
22	458	7.9	67	J	10.4	-30	330	7.0	-2.4	-5.7	4	J
23	454	7.8	61	J	10.4	-3	318	7.3	-6.0	-2.6	3	J
24	448	7.7	63	J	9.9	-13	322	7.1	-4.5	-3.8	4	J

JAN. 5, 1992 (005)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	447	7.9	69	J	9.5	-12	328	6.9	-3.5	-3.0	5	J
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	471	7.7	125	J	7.7	-15	35	5.6	3.9	-1.8	3	J
16	459	6.9	91	J	7.5	-14	5	6.5	0.7	-1.6	3	J
17	458	7.4	72	J	7.5	1	347	6.4	-1.5	0.0	3	J
18	467	7.5	83	J	7.5	-31	358	5.1	0.3	-3.1	5	J
19	463	6.5	61	J	8.0	9	320	5.3	-4.6	0.1	4	J
20	459	6.0	48	J	8.2	25	324	5.5	-4.7	2.0	3	J
21	445	6.0	55	J	8.4	9	334	6.8	-3.5	0.2	3	J
22	441	5.8	63	J	7.9	1	343	6.9	-2.0	-0.5	3	J
23	453	5.8	43	J	8.5	19	312	5.1	-6.2	0.6	3	J
24	434	5.6	51	J	8.6	17	343	7.4	-2.9	1.5	3	J

92-01-06 - 92-01-16

JAN. 6, 1992 (006)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	455	6.7	79	J	8.0	10	326	5.1	-3.6	-0.1	5	J
2	452	6.2	81	J	7.4	35	354	5.3	-1.6	3.4	4	J
3	445	6.2	75	J	7.7	6	323	5.2	-4.0	-0.3	4	J
4	435	6.4	59	J	8.0	-11	326	6.3	-3.9	-2.3	2	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	406	7.5	35	J	7.6	-16	321	5.5	-4.5	-1.9	2	J
15	411	7.6	39	J	7.8	-20	322	5.2	-4.0	-2.5	3	J
16	414	9.1	75	J	7.3	16	349	4.5	-1.0	1.3	5	J
17	401	7.3	45	J	7.4	-24	354	5.5	-0.3	-2.5	4	J
18	407	7.5	35	J	7.9	7	315	5.1	-5.1	0.0	3	J
19	407	8.2	39	J	8.4	12	319	5.8	-5.2	0.5	3	J
20	398	8.2	32	J	8.5	-9	333	6.8	-3.0	-2.1	4	J
21					16.2	-54	353	8.6	2.5	-11.7	9	J
22												
23												
24												

JAN. 10, 1992 (010)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24	354	8.8	23	J								

JAN. 11, 1992 (011)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	350	8.8	16	J								
2	346	8.7	19	J								
3												
4	350	6.6	10	J								
5	342	9.6	25	J								
6	340	6.5	13	J								
7												
8	336	6.7	12	J								
9	340	6.8	17	J								
10	345	8.8	13	J								
11	365	12.2	19	J								
12	356	9.2	13	J								
13	362	9.8	10	J								
14	364	12.6	12	J								
15	356	28.0	24	J								
16	362	22.5	12	J								
17	366	16.7	15	J								
18												
19												
20												
21												
22												
23												
24												

JAN. 12, 1992 (012)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5	327	13.5	4	J								
6												
7	331	19.5	11	J								
8	331	36.5	7	J								
9	323	31.2	12	J								
10	370	36.5	31	J								
11	385	37.1	65	J								
12	384	32.9	72	J								
13	391	19.9	61	J								
14	396	15.9	48	J								
15	404	18.3	53	J								
16	400	26.6	78	J								
17	392	43.6	83	J								
18												
19												
20												
21												
22	372	19.6	93	J	18.4	14	305	10.1	-15.0	-1.1	3	J
23	369	21.3	182	J	17.1	33	330	11.2	-9.1	5.3	8	J
24	368	15.9	113	J	16.4	15	304	7.9	-12.3	-0.9	7	J

JAN. 13, 1992 (013)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	382	15.7	116	J	13.1	3	311	5.2	-5.7	-1.8	11	J
2	424	18.8	164	J	12.5	20	88	0.4	9.1	7.6	4	J
3	479	14.9	97	J	13.8	-19	250	-4.3	-10.0	-7.7	3	J
4	460	17.4	67	J	13.2	-29	229	-6.4	-5.8	-7.1	7	J
5	448	18.4	30	J	14.9	-38	192	-11.3	-0.6	-9.3	3	J
6	450	18.6	41	J	14.9	-39	190	-11.4	-0.8	-9.6	0	J
7												
8												
9												
10												
11												
12												
13												
14	438	10.5	31	J	12.9	-34	166	-9.7	2.6	-6.7	5	J
15	427	11.0	43	J	12.4	-26	162	-10.2	3.6	-5.0	4	J
16	424	10.5	40	J	12.1	-24	189	-10.6	-1.1	-4.9	3	J
17	434	10.6	33	J	11.8	-27	174	-9.3	1.7	-4.5	5	J
18												
19	359	31.0	122	J	10.8	-13	167	-9.0	2.6	-1.5	5	J
20	420	13.9	78	J	11.1	-16	137	-7.6	7.7	-0.7	3	J
21	404	14.5	141	J	10.7	-21	170	-9.1	2.7	-2.8	4	J
22	379	21.8	209	J	10.3	-8	196	-9.5	-2.0	-2.3	3	J
23	385	19.9	99	J	9.9	-9	192	-9.0	-1.2	-2.1	3	J
24	364	31.4	268	J	10.2	-17	169	-9.4	2.8	-2.0	3	J

JAN. 14, 1992 (014)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	374	46.8	426	J	13.0	-6	195	-12.0	-2.5	-2.4	3	J
2	432	26.0	260	J	12.2	10	135	-7.3	6.2	4.2	6	J
3	421	26.9	310	J	11.9	-1	94	-0.8	10.5	3.2	4	J
4	424	25.0	153	J	11.8	25	185	-9.6	-2.0	4.1	5	J
5	422	26.1	109	J	11.3	5	190	-9.6	-1.8	0.5	6	J
6	427	30.0	117	J	12.2	-17	207	-9.6	-4.4	-4.0	5	J
7	432	34.8	145	J	12.5	-4	141	-8.9	7.3	-0.2	5	J
8	454	37.1	99	J	12.2	45	112	-2.5	5.9	6.8	8	J
9	450	37.7	122	J	13.6	-4	130	-6.7	8.0	-0.7	9	J
10												
11												
12												
13												
14	551	15.4	219	J	18.8	21	135	-11.9	11.8	6.8	5	J
15	545	14.1	210	J	19.1	-9	134	-11.9	12.4	-1.9	8	J
16	528	12.5	227	J	17.0	6	134	-9.7	9.8	2.6	10	J
17	541	11.5	310	J	16.0	-1	126	-7.9	10.7	1.6	9	J
18	542	11.3	338	J	16.3	22	124	-7.7	9.9	7.9	7	J
19												
20												
21	557	10.6	380	J	13.9	-11	160	-7.1	2.9	-0.5	11	J
22	564	11.3	411	J	12.3	-19	135	-6.0	6.6	-0.5	8	J
23	565	10.0	304	J	11.6	12	117	-3.8	6.2	4.6	8	J
24	564	7.9	209	J	10.2	0	129	-5.2	5.9	2.5	6	J

JAN. 15, 1992 (015)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	616	5.8	221	J	9.1	4	88	0.3	7.4	3.7	4	J
2	612	5.3	173	J	9.0	6	83	1.0	7.4	3.7	3	J
3	564	5.6	187	J	8.3	18	137	-4.5	3.3	3.2	5	J
4	570	5.2	178	J	8.0	1	118	-3.2	5.8	1.7	4	J
5	578	4.4	172	J	8.1	5	129	-4.4	5.2	1.7	4	J
6	578	4.0	113	J	7.8	-2	151	-5.5	3.1	0.2	5	J
7	597	4.0	173	J	7.5	-13	122	-3.2	5.2	-0.9	4	J
8	584	3.6	138	J	7.4	-16	141	-4.9	4.1	-1.7	3	J
9	558	3.3	62	J	7.5	-10	131	-4.1	4.8	-1.1	4	J
10					7.6	-4	105	-1.7	6.4	-0.6	4	J
11					7.5	-13	132	-4.5	5.0	-1.7	3	J
12												
13												
14	556	3.5	105	J	7.3	-22	123	-3.0	4.7	-2.0	4	J
15	529	3.6	159	J	7.2	11	149	-5.4	3.1	1.5	3	J
16	532	3.8	84	J	7.1	16	146	-4.3	2.7	1.8	5	J
17	557	4.0	105	J	7.5	-22	113	-2.6	6.5	-1.6	2	J
18	488	3.7	33	J	7.8	-5	146	-6.0	4.1	0.3	3	J
19	508	4.3	110	J	7.8	6	133	-4.6	4.6	2.0	4	J
20	554	5.2	138	J	8.2	-37	128	-2.9	4.6	-2.2	6	J
21					8.6	20	168	-7.0	0.5	3.0	4	J
22	539	5.0	80	J	7.7	-6	110	-2.4	6.5	1.9	2	J
23	519	5.4	108	J	7.4	21	144	-4.2	2.0	3.0	5	J
24	536	5.2	106	J	7.5	64	162	-2.8	-1.5	5.9	3	J

JAN. 16, 1992 (016)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	520	5.6	116	J	7.5	12	135	-4.5	3.6	3.0	4	J
2	531	6.1	116	J	7.5	-3	122	-3.2	4.9	1.5	4	J
3	534	6.0	114	J	7.7	28	133	-3.4	2.6	3.7	5	J
4	527	6.3	140	J	7.9	0	131	-4.1	4.6	1.3	5	J
5	535	5.1	114	J	7.8	-26	127	-3.1	4.6	-1.6	5	J
6	536	5.4	134	J	7.4	-1	129	-4.2	5.1	0.7	3	J
7	556	5.6	121	J	7.6	-11	114	-2.6	5.9	-0.7	4	J
8	568	5.8	142	J	6.9	-17	107	-1.4	4.6	-1.2	5	J
9	569	5.5	115	J	6.3	-18	145	-2.6	1.8	-1.0	5	J
10	569	5.4	132	J	5.8	40	155	-2.6	1.3	2.4	4	J
11												
12												
13												
14	525	3.9	51	J	7.7	14	148	-5.7	3.5	1.8	3	J
15	544	2.9	135	J	7.5	27	156	-3.8	1.5	2.3	6	J
16	564	3.0	66	J	7.9	20	143	-5.0	3.4	2.7	5	J
17					7.3	-21	150	-5.3	3.4	-1.7	3	J
18	536	3.4	138	J	7.4	-9	152	-3.2	1.8	-0.2	6	J
19	532	5.3	209	J	7.1	-10	176	-5.7	0.7	-0.9	4	J
20	539	4.9	180	J	7.8	-30	181	-4.8	0.8	-2.7	6	J
21	614	6.1	252	J	11.4	-42	95	-0.6	8.9	-3.4	6	J
22	627	2.4	367	J	11.8	1	114	-3.1	6.3	2.8	9	J
23	625	2.0	316	J	9.9	-17	148	-6.4	4.6	-0.5	6	J
24	744	2.8	451	J	9.0	28	266	-0.3	-5.5	0.4	7	J

92-01-17 - 92-01-27

JAN. 17, 1992 (017)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	674	2.9	435	J	9.4	45	167	-4.3	-0.8	4.4	7	J
2	659	2.8	263	J	9.8	22	129	-4.6	4.2	4.8	6	J
3	633	2.5	237	J	10.3	39	147	-5.2	1.6	5.9	6	J
4	647	3.0	328	J	9.3	40	127	-4.1	3.6	6.9	3	J
5	653	2.7	271	J	9.1	33	154	-5.6	1.8	4.5	5	J
6					9.0	11	141	-6.7	5.1	2.5	2	J
7	645	2.1	245	J	8.3	4	141	-6.3	5.0	1.1	2	J
8	649	2.1	231	J	7.3	3	121	-3.3	5.5	0.6	3	J
9	608	1.9	166	J	7.0	4	143	-5.4	4.1	0.6	1	J
10												
11												
12												
13												
14												
15												
16	566	2.1	104	J	4.4	-28	180	-3.5	0.3	-1.9	2	J
17	549	2.0	97	J	4.5	-24	126	-1.8	2.6	-0.9	3	J
18	567	2.2	61	J	4.3	-3	54	1.8	2.4	0.4	3	J
19	548	2.6	105	J	3.8	-50	324	1.2	-0.3	-1.9	3	J
20	529	2.8	107	J	3.9	-27	275	0.2	-1.9	-1.9	3	J
21	515	2.6	102	J	3.3	-56	152	-0.8	0.9	-1.1	3	J
22	532	3.1	99	J	3.8	-45	327	2.0	-0.3	-2.7	2	J
23	520	3.2	75	J	4.1	-23	38	2.4	2.2	-0.4	2	J
24	489	3.1	47	J	4.5	-35	103	-0.7	3.7	-0.8	2	J

JAN. 18, 1992 (018)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	466	4.2	51	J	4.9	-5	88	0.1	4.1	1.3	2	J
2	460	3.9	26	J	5.5	-30	92	-0.1	4.5	-0.7	3	J
3	460	4.1	22	J	5.4	-48	117	-1.6	4.3	-2.7	1	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14					5.3	-11	351	4.7	-0.7	-1.0	2	J
15	426	4.1	146	J	5.4	65	213	-1.0	-0.9	2.4	5	J
16	458	3.9	37	J	5.6	45	108	-0.9	2.4	3.4	4	J
17	454	4.2	63	J	4.8	25	124	-1.5	2.0	1.7	4	J
18	455	4.6	55	J	5.4	21	104	-1.1	4.0	2.8	2	J
19	460	4.9	33	J	6.0	23	98	-0.7	4.2	3.6	2	J
20	464	5.2	35	J	5.8	15	82	0.7	4.5	3.1	2	J
21	450	4.9	54	J	5.3	12	109	-1.5	3.6	2.5	3	J
22	420	4.8	91	J	5.2	22	145	-3.5	1.6	2.6	2	J
23	410	3.8	49	J	4.9	2	169	-4.4	0.7	0.5	2	J
24	413	4.7	61	J	6.0	5	151	-4.9	2.3	1.6	2	J

JAN. 19, 1992 (019)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	421	4.7	72	J	5.8	18	137	-3.8	2.6	3.0	2	J
2					6.2	0	152	-3.8	1.9	0.8	4	J
3	424	4.7	49	J	6.2	-18	139	-3.9	3.7	-0.4	3	J
4	405	4.0	22	J	6.7	-5	162	-5.9	2.0	0.0	3	J
5					8.9	13	134	-5.6	5.2	3.2	5	J
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

JAN. 23, 1992 (023)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2	337	8.0	51	J	6.0	-14	167	-5.3	1.7	-0.8	2	J
3	339	7.4	45	J	5.5	4	142	-3.7	2.6	1.3	2	J
4	334	8.0	35	J	6.0	-17	137	-3.7	3.8	-0.4	2	J
5	333	9.0	28	J	6.0	-5	141	-3.5	2.8	0.3	4	J
6	332	8.5	27	J	6.4	-28	129	-3.3	4.5	-1.9	2	J
7	340	8.4	23	J	6.2	-12	111	-1.8	4.9	-0.4	3	J
8	332	7.8	28	J	6.1	-27	142	-3.8	3.2	-2.2	3	J
9	342	8.5	19	J	6.0	-7	100	-0.9	5.3	-0.3	3	J
10	339	10.4	14	J	5.4	27	64	2.0	4.0	2.5	2	J
11	337	10.9	15	J	5.5	27	69	1.7	4.3	2.5	2	J
12	332	10.7	14	J	5.6	28	78	0.9	4.2	2.5	2	J
13	328	10.4	21	J	5.2	24	97	-0.5	4.1	2.1	3	J
14	325	10.2	25	J	5.6	16	108	-1.4	4.2	1.7	3	J
15	321	10.4	27	J	5.2	-24	112	-1.6	4.1	-1.4	2	J
16	323	10.3	24	J	5.1	36	114	-1.3	2.5	2.8	3	J
17												
18												
19	305	9.7	23	J	5.8	-8	157	-4.8	2.2	0.0	2	J
20	307	10.0	26	J	5.6	-32	160	-4.0	2.3	-1.9	3	J
21	316	10.9	26	J	5.3	27	104	-1.0	2.9	3.7	2	J
22	310	10.6	27	J	5.3	19	135	-2.7	1.9	2.4	3	J
23					5.8	4	121	-2.6	3.8	2.2	3	J
24	312	11.3	24	J	4.8	-33	118	-1.7	3.8	-0.7	2	J

JAN. 24, 1992 (024)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	308	11.2	21	J	5.0	4	119	-2.1	3.3	1.9	2	J
2	308	11.1	19	J	5.4	31	120	-2.3	2.5	4.1	1	J
3	306	11.2	19	J	5.4	25	119	-2.3	3.0	3.6	1	J
4	307	11.7	19	J	5.4	33	117	-1.9	2.7	3.8	2	J
5	307	11.9	20	J	5.6	25	107	-1.4	3.8	3.3	2	J
6	306	12.5	22	J	6.2	18	111	-2.0	4.8	2.9	2	J
7					6.8	11	85	0.6	6.1	2.2	2	J
8	321	15.6	23	J	6.8	0	67	2.5	6.0	0.6	2	J
9	315	16.0	25	J	6.9	22	89	0.1	5.4	2.6	4	J
10	323	16.4	25	J	7.1	-10	71	2.1	6.1	-0.9	3	J
11	322	17.0	25	J	7.3	5	58	3.3	5.2	0.7	4	J
12	313	16.7	22	J	7.2	38	75	1.3	4.7	4.1	3	J
13					7.2	13	87	0.3	6.4	1.9	3	J
14	313	18.2	20	J	7.5	22	62	3.0	5.3	3.0	3	J
15	313	18.9	20	J	7.6	29	69	2.0	4.8	3.8	4	J
16	316	18.8	22	J	8.0	-6	53	4.5	6.0	0.3	3	J
17	309	20.5	16	J	7.5	19	87	0.3	5.5	3.5	4	J
18	309	25.0	14	J	5.9	19	90	0.0	4.3	3.1	3	J
19	299	21.5	15	J	8.2	19	122	-4.0	5.2	4.6	2	J
20	301	23.5	12	J	8.6	29	121	-3.8	4.4	6.1	2	J
21	301	28.1	9	J	8.1	38	129	-3.9	2.5	6.4	2	J
22	303	21.2	7	J	10.7	46	211	-6.2	-6.6	5.2	3	J
23	306	18.2	11	J	11.8	36	227	-6.5	-9.2	3.1	1	J
24												

JAN. 25, 1992 (025)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	297	9.2	22	J	5.4	-5	291	1.9	-5.0	-0.8	0	J
14	291	8.8	22	J	5.3	-18	298	2.3	-4.2	-2.0	1	J
15	288	8.5	19	J	5.7	-3	291	2.0	-5.0	-1.0	2	J
16	283	8.7	23	J	5.2	-14	302	2.6	-3.9	-2.0	1	J
17												
18												
19												
20												
21												
22												
23												
24												

JAN. 26, 1992 (026)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	254	17.4	9	J	6.1	9	145	-4.8	3.3	1.2	1	J
14	263	20.2	12	J	6.6	16	126	-3.6	4.7	2.2	2	J
15	273	17.3	6	J	7.9	39	124	-3.4	4.3	5.6	1	J
16	326	55.4	37	J	15.4	67	101	-0.6	1.6	7.6	14	J
17	326	41.2	48	J	19.6	46	90	0.0	9.4	16.2	6	J
18												
19												
20												
21												
22												
23												
24												

JAN. 27, 1992 (027)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	355	9.0	61	J	21.4	24	285	5.0	-19.6	6.6	1	J
15	359	11.2	56	J	21.6	22	285	5.2	-20.2	5.1	2	J
16	358	16.8	49	J	21.0	21	286	5.4	-19.9	3.7	2	J
17	361	15.4	86	J	20.5	20	284	4.6	-19.7	2.2	2	J
18	355	12.2	100	J	20.1	8	288	6.1	-18.6	-2.8	4	J
19	368	11.1	100	J	20.1	10	283	4.4	-19.0	-3.3	4	J
20	364	11.2	88	J	19.6	15	286	5.2	-18.6	-2.3	3	J
21												
22	356	25.9	55	J	17.2	42	311	8.0	-13.2	5.8	5	J
23	364	20.9	42	J	17.8	10	301	7.3	-11.9	-3.3	11	J
24	362	18.8	56	J	17.1	-8	297	7.5	-12.0	-8.8	3	J

JAN. 28, 1992 (028)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	366	16.5	62	J	16.6	-13	287	4.6	-11.7	-9.9	4	J
2	376	15.9	60	J	16.6	-11	286	4.3	-12.4	-9.2	5	J
3	373	15.2	42	J	16.8	-12	292	5.9	-12.1	-8.7	5	J
4	363	15.3	47	J	16.5	-8	297	7.2	-12.5	-6.9	4	J
5	369	16.3	70	J	16.0	-1	292	6.0	-14.0	-4.5	2	J
6												
7												
8												
9												
10												
11												
12												
13												
14	400	11.2	52	J	10.8	4	340	9.9	-3.7	0.3	2	J
15	398	11.2	48	J	11.2	20	355	10.3	-1.5	3.6	3	J
16	396	10.0	38	J	11.6	16	342	10.5	-4.0	2.4	2	J
17	393	10.6	61	J	10.1	-12	320	6.5	-4.8	-3.1	5	J
18	391	10.0	68	J	10.5	-6	328	8.3	-4.7	-2.5	4	J
19	392	8.9	52	J	10.5	18	347	9.4	-3.1	2.2	3	J
20	401	9.1	62	J	9.9	31	358	8.1	-2.1	4.4	3	J
21	402	10.1	73	J	9.6	5	323	6.4	-4.7	-1.4	5	J
22	387	9.6	66	J	9.5	6	337	8.1	-3.5	-0.7	3	J
23	386	9.2	58	J	9.5	10	337	8.0	-3.7	-0.2	4	J
24	402	8.2	36	J	10.0	-21	286	2.5	-6.0	-7.0	3	J

JAN. 29, 1992 (029)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	412	8.4	31	J	10.4	-30	271	0.2	-5.5	-8.5	3	J
2	402	8.5	35	J	10.2	-12	280	1.7	-7.7	-5.9	2	J
3	399	8.8	43	J	10.3	38	343	4.8	-2.9	3.0	8	J
4	388	9.1	50	J	10.5	31	352	6.7	-2.3	3.5	7	J
5	384	9.2	44	J	10.0	10	323	7.1	-5.6	-0.1	4	J
6	405	9.1	59	J	8.8	17	315	3.8	-4.1	0.7	7	J
7	387	9.3	68	J	8.8	1	320	5.4	-4.5	-0.7	5	J
8												
9												
10												
11												
12												
13												
14	411	11.2	52	J	7.1	-20	283	1.4	-5.6	-2.9	3	J
15	401	12.2	63	J	7.5	0	309	4.4	-5.4	-0.9	3	J
16	398	11.5	58	J	7.9	21	326	6.0	-4.6	1.9	2	J
17	393	10.5	50	J	8.1	28	330	6.1	-4.4	2.7	2	J
18	371	11.7	40	J	8.0	-3	313	5.3	-5.3	-2.1	2	J
19	368	12.3	37	J	8.7	-3	313	5.9	-5.7	-2.6	2	J
20	379	14.0	31	J	9.6	-27	302	3.9	-4.3	-5.9	5	J
21	392	10.3	38	J	9.8	-37	282	1.4	-3.9	-7.6	5	J
22	383	6.5	65	J	9.7	5	297	4.1	-7.6	-2.9	3	J
23	387	6.7	87	J	9.1	23	307	4.5	-6.8	0.0	4	J
24	420	7.8	88	J	8.6	-15	269	-0.1	-5.4	-5.0	4	J

JAN. 30, 1992 (030)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	402	7.7	100	J	8.2	-6	288	2.2	-5.8	-3.8	4	J
2	378	8.2	144	J	8.3	-12	343	6.3	-1.1	-2.1	5	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	386	9.7	59	J	9.0	7	311	5.5	-6.4	0.4	3	J
14	400	9.8	51	J	9.5	21	299	4.1	-7.7	2.3	3	J
15	400	9.6	44	J	9.7	35	312	4.7	-6.0	4.0	4	J
16	403	9.9	48	J	9.6	-13	296	3.5	-6.6	-3.3	5	J
17	381	9.5	49	J	9.7	-1	337	7.2	-2.9	-0.9	6	J
18	369	8.8	35	J	10.0	4	328	8.0	-5.0	-0.9	3	J
19	408	9.7	49	J	9.6	-1	291	2.9	-7.0	-2.8	5	J
20	395	10.5	62	J	9.6	28	345	5.9	-2.7	2.3	7	J
21	395	10.9	63	J	9.8	-29	346	7.0	0.2	-4.3	5	J
22	395	12.1	67	J	10.2	-37	351	5.8	1.2	-4.4	7	J
23	401	9.9	48	J	10.5	8	300	4.8	-8.0	-2.7	4	J
24	419	10.2	58	J	10.3	-2	293	3.2	-6.6	-3.9	6	J

JAN. 31, 1992 (031)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	418	10.8	107	J	9.2	-39	319	4.0	-1.1	-5.5	6	J
2	443	10.8	119	J	7.2	-9	59	1.5	2.4	0.7	7	J
3	441	11.3	168	J	7.4	-52	25	2.6	2.6	-2.9	6	J
4	439	10.2	171	J	7.5	37	306	3.1	-5.3	2.2	4	J
5	458	10.7	157	J	8.1	24	275	0.6	-7.7	0.9	2	J
6												
7	420	9.9	134	J	8.6	-7	329	5.1	-2.9	-1.3	6	J
8												
9												
10												
11												
12	442	7.2	206	J								
13	448	7.3	172	J								
14	427	6.1	118	J								
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

FEB. 4, 1992 (035)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11	495	12.3	17	J	6.4	14	98	-0.8	5.5	2.0	2	J
12	492	15.0	16	J	5.6	3	95	-0.5	5.1	0.8	2	J
13	485	12.5	28	J	5.2	-1	102	-1.0	4.6	0.5	2	J
14	471	12.2	30	J	4.0	-25	125	-1.7	2.6	-1.0	3	J
15	456	10.8	32	J	4.2	-11	128	-2.1	2.7	-0.1	3	J
16												
17												
18	455	22.7	45	J								
19					11.2	-46	173	-6.4	3.3	-5.9	6	J
20					10.6	-7	91	-0.2	8.8	2.8	6	J
21					9.6	-17	63	3.8	7.8	1.1	4	J
22					8.8	-41	59	3.4	7.7	-2.3	2	J
23												
24												

FEB. 5, 1992 (036)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3	474	3.1	51	J	4.9	61	52	1.4	-0.1	4.6	1	J
4	475	3.2	79	J	4.3	-16	65	1.4	3.1	0.3	3	J
5	446	3.8	67	J	5.5	36	164	-3.7	0.1	3.0	3	J
6	442	3.7	60	J	5.4	-12	133	-3.4	3.8	0.0	2	J
7					6.0	0	110	-1.8	5.0	1.1	3	J
8	461	3.9	36	J	6.1	-3	108	-1.8	5.4	0.6	2	J
9	458	4.2	43	J	5.9	5	106	-1.4	4.8	1.1	3	J
10					5.7	-23	106	-1.2	4.5	-1.4	3	J
11	454	4.0	47	J	5.3	23	132	-2.3	2.4	1.7	4	J
12	440	3.7	54	J	5.1	30	196	-3.8	-1.3	2.2	2	J
13	455	4.1	41	J	5.3	27	114	-1.7	3.5	2.5	3	J
14	453	3.7	35	J	5.4	-29	122	-2.2	3.9	-1.7	3	J
15	436	3.7	51	J	5.2	26	134	-2.4	2.1	2.1	4	J
16	446	4.1	62	J	5.4	66	12	1.9	-0.7	4.4	2	J
17	426	4.1	81	J	4.8	24	48	2.3	2.0	2.2	3	J
18	413	4.4	92	J	4.9	28	352	3.6	-1.1	1.6	3	J
19	441	4.2	43	J	5.7	-10	65	1.5	3.1	0.6	5	J
20	412	4.2	43	J	5.8	8	135	-3.8	3.1	2.3	2	J
21	428	4.8	44	J	5.8	5	115	-2.3	4.2	2.7	2	J
22	408	5.0	47	J	5.9	15	130	-3.0	2.6	2.9	3	J
23	432	5.2	52	J	5.7	57	186	-2.3	-2.0	3.0	4	J
24	424	5.5	67	J	5.6	32	216	-3.4	-3.5	1.1	3	J

FEB. 6, 1992 (037)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	413	5.1	44	J	5.8	17	200	-4.6	-2.2	0.5	3	J
2	434	5.9	46	J	6.1	22	110	-1.7	3.2	4.0	3	J
3	422	5.8	51	J	6.5	11	116	-2.5	4.2	3.2	3	J
4	415	5.5	37	J	6.5	9	127	-3.4	3.8	2.5	3	J
5	427	5.4	27	J	6.6	12	107	-1.3	3.8	2.4	5	J
6	424	5.2	24	J	7.1	-10	104	-1.6	6.7	0.7	2	J
7												
8												
9												
10												
11												
12												
13												
14	411	5.4	27	J	6.6	-62	308	1.3	-1.0	-4.1	5	J
15	413	5.5	24	J	6.4	-31	110	-1.8	5.4	-2.1	2	J
16												
17												
18												
19	409	6.7	21	J	6.5	-11	107	-1.8	5.7	1.1	2	J
20	391	7.0	59	J	6.3	-19	136	-3.4	3.7	-0.1	4	J
21	374	7.5	83	J	6.6	-10	171	-5.6	1.3	-0.5	3	J
22	379	6.7	83	J	6.4	-16	160	-5.1	2.4	-0.5	3	J
23	400	6.3	51	J	6.1	-16	129	-3.6	4.6	0.8	2	J
24												

FEB. 7, 1992 (038)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	397	7.8	57	J	6.4	-14	132	-3.8	4.3	0.8	3	J
2	410	9.2	56	J	7.6	-36	141	-3.8	4.4	-1.7	4	J
3	413	10.3	65	J	8.0	-14	138	-3.9	3.7	0.3	6	J
4	433	11.0	62	J	8.6	-7	89	0.1	7.7	2.2	3	J
5	424	10.4	66	J	8.3	-13	103	-1.6	7.1	0.8	4	J
6	435	11.0	62	J	8.8	-20	93	-0.4	7.8	-0.5	4	J
7	423	11.5	72	J	9.0	-15	106	-1.9	7.0	-0.3	5	J
8	431	10.6	71	J	9.5	-15	102	-1.8	9.0	-0.8	2	J
9												
10												
11												
12												
13	404	16.8	27	J	11.1	-42	296	3.6	-6.3	-8.3	2	J
14	403	17.3	21	J	11.1	-39	318	6.1	-4.3	-7.5	3	J
15	398	16.9	20	J	11.4	-31	61	3.7	7.5	-3.1	7	J
16	391	18.0	14	J	9.6	-14	91	-0.2	9.3	0.0	3	J
17	384	20.5	13	J	9.0	-35	114	-2.8	7.4	-2.7	3	J
18												
19	392	19.3	23	J	8.3	10	69	2.9	6.5	4.3	0	J
20	400	19.9	28	J	8.1	4	59	4.0	5.8	3.4	2	J
21	385	19.9	18	J	8.4	7	74	2.2	6.4	4.5	2	J
22	383	21.4	19	J	8.3	-13	64	3.5	7.1	1.9	2	J
23	378	26.1	18	J	8.0	-9	79	1.4	7.0	2.7	2	J
24	373	28.2	20	J	7.6	-11	75	1.9	6.8	2.3	2	J

92-02-08 - 92-02-18

FEB. 8, 1992 (039)

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	372	33.7	28	J	6.5	-40	77	1.1	6.2	-1.2	1	J
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	360	8.8	13	J	13.9	-15	123	-7.3	11.6	-2.0	1	J
14	366	7.8	29	J	13.1	-27	140	-7.4	7.0	-3.8	7	J
15					27.4	-50	242	-8.1	-10.6	-23.1	13	J
16	595	30.0	362	J	34.8	-16	99	-4.6	30.0	-0.9	17	J
17	538	40.0	432	J	31.8	51	233	-9.9	-18.7	15.5	18	J
18	558	52.7	184	J	33.4	77	124	-2.1	-2.8	16.6	29	J
19	555	55.7	152	J	30.9	34	98	-3.4	15.6	24.6	10	J
20												
21												
22												
23												
24												

FEB. 9, 1992 (040)

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	450	7.3	57	J	25.5	-36	258	-4.3	-17.7	-17.7	3	J
14	473	6.8	58	J	25.5	-32	254	-5.9	-18.1	-16.8	2	J
15	454	4.7	40	J	25.6	-31	264	-2.3	-18.6	-17.5	1	J
16					25.6	-28	256	-5.5	-18.1	-17.2	2	J
17					24.9	-25	255	-5.8	-17.5	-16.6	3	J
18					35.7	-19	260	-5.8	-26.9	-22.5	5	J
19					35.1	-15	262	-4.7	-27.2	-21.7	2	J
20					37.0	-12	263	-4.4	-28.8	-22.7	3	J
21					28.7	-5	263	-3.5	-23.8	-15.6	6	J
22					35.9	3	266	-2.5	-31.9	-16.1	3	J
23					33.4	12	267	-1.7	-31.5	-10.6	3	J
24					31.2	17	267	-1.6	-30.3	-7.3	1	J

FEB. 10, 1992 (041)

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					29.6	17	266	-2.0	-28.6	-6.5	4	J
2					25.5	19	260	-4.1	-24.5	-4.0	5	J
3	491	2.9	64	J	18.6	31	252	-4.8	-17.4	1.8	4	J
4	474	10.2	60	J	17.0	45	237	-6.4	-13.7	6.9	4	J
5	503	12.4	86	J	12.9	0	200	-5.9	-2.0	-0.7	12	J
6	507	7.3	115	J	6.5	7	132	-4.0	4.0	2.0	3	J
7	491	4.3	78	J	5.6	4	173	-5.3	0.5	0.5	1	J
8												
9												
10												
11												
12												
13	560	9.7	134	J	6.4	-22	109	-1.2	3.6	-0.9	5	J
14	554	12.0	78	J	7.3	-57	78	0.5	3.2	-3.5	6	J
15	551	12.4	43	J	7.6	-50	303	2.4	-2.5	-5.9	3	J
16	526	17.0	49	J	8.1	1	254	-2.0	-6.7	-1.7	4	J
17	519	15.9	85	J	9.5	2	201	-8.5	-3.2	-0.7	3	J
18												
19	507	16.7	48	J	10.6	13	153	-8.6	3.1	3.8	4	J
20	512	12.2	47	J	10.1	-23	132	-5.9	7.5	-0.4	4	J
21	498	7.5	37	J	10.2	20	140	-7.2	3.7	5.9	2	J
22	492	7.4	69	J	9.9	25	135	-6.1	3.3	6.5	3	J
23	505	7.2	60	J	9.5	22	130	-5.5	3.9	6.4	2	J
24	528	6.4	113	J	8.3	17	122	-3.8	4.0	4.9	4	J

FEB. 11, 1992 (042)

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	521	7.6	200	J	7.5	9	129	-4.2	3.9	3.5	3	J
2												
3												
4												
5												
6												
7												
8	493	5.8	43	J	7.6	28	147	-5.5	2.8	4.1	1	J
9	504	6.2	52	J	7.3	19	135	-4.4	4.0	2.8	3	J
10	532	6.2	77	J	6.3	18	120	-2.1	3.4	1.9	5	J
11	517	6.0	96	J	6.4	27	139	-4.1	3.2	3.2	2	J
12	519	5.9	71	J	6.3	30	127	-3.1	3.7	3.5	2	J
13												
14												
15												
16												
17	502	5.7	52	J	6.2	-20	151	-4.8	3.2	-1.1	2	J
18	492	5.7	61	J	6.2	0	149	-5.1	2.9	1.1	2	J
19	482	5.9	63	J	6.5	10	153	-5.6	2.2	2.2	1	J
20	502	6.8	41	J	5.9	-47	94	-0.2	4.8	-1.8	3	J
21	493	7.3	49	J	6.3	-17	114	-2.1	4.8	0.9	3	J
22	487	8.3	89	J	6.8	3	138	-4.5	3.3	2.3	3	J
23	496	8.4	67	J	7.7	14	132	-4.2	3.2	3.8	4	J
24	498	8.2	84	J	7.8	-9	137	-4.8	4.4	1.4	4	J

FEB. 12, 1992 (043)

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	492	7.0	78	J	7.4	-6	152	-6.1	3.1	1.0	3	J
2	488	6.7	65	J	7.4	8	175	-6.9	0.1	1.1	2	J
3	488	6.7	67	J	7.4	5	165	-6.5	1.3	1.3	3	J
4	498	7.0	69	J	7.4	7	148	-4.2	2.2	1.6	5	J
5												
6												
7												
8												
9												
10												
11												
12	455	7.6	37	J	6.6	-24	136	-4.2	4.4	-2.0	2	J
13	454	8.0	32	J	6.2	-6	113	-2.4	5.6	0.2	1	J
14					6.2	-33	114	-2.1	5.3	-2.4	1	J
15					6.4	-24	125	-3.1	4.8	-1.4	3	J
16	420	8.8	142	J	7.0	25	168	-6.0	0.5	3.1	2	J
17					7.0	31	175	-5.8	-0.6	3.5	2	J
18	406	5.9	24	J	7.6	11	170	-7.3	0.7	1.8	1	J
19	407	4.9	18	J	7.3	7	166	-6.9	1.2	1.5	1	J
20												
21												
22												
23												
24												

FEB. 16, 1992 (047)

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22	330	9.3	21	J								
23	328	9.1	16	J								
24	332	9.5	14	J								

FEB. 17, 1992 (048)

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	328	10.3	14	J								
2	343	10.4	16	J								
3	335	11.5	27	J								
4	339	12.0	23	J								
5	336	11.1	16	J								
6	348	16.0	26	J								
7	362	19.9	33	J								
8												
9												
10	433	23.6	36	J								
11	421	12.4	82	J								
12	417	12.3	58	J								
13	422	27.3	46	J								
14	402	22.8	49	J								
15	400	16.6	60	J								
16	401	16.4	29	J								
17	396	19.4	13	J								
18	387	28.9	16	J								
19	395	23.8	14	J								
20												
21												
22												
23												
24												

FEB. 18, 1992 (049)

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	401	12.2	85	J	6.0	10	278	0.5	-3.9	0.0	5	J
14	408	10.6	75	J	6.5	-7	319	4.5	-3.7	-1.5	2	J
15												
16												
17												
18												
19	382	20.9	54	J	8.9	27	152	-6.2	1.4	4.7	4	J
20	376	27.5	52	J	8.0	-18	151	-4.8	3.2	-0.3	6	J
21	370	27.3	50	J	7.5	32	190	-5.4	-2.6	2.5	4	J
22	375	23.3	41	J	6.1	34	178	-2.8	-0.9	1.7	5	J
23	384	22.1	50	J	5.2	-17	357	3.6	0.4	-1.0	4	J
24	374	14.1	34	J	7.8	-14	158	-6.5	3.1	-0.1	3	J

92-02-19 - 92-02-29

FEB. 19, 1992 (050)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	375	17.6	45	J	4.8	-48	159	-2.4	2.3	-2.0	3	J
2	390	22.7	26	J	5.9	-21	319	1.3	-0.6	-1.1	6	J
3	397	27.5	23	J	5.9	32	336	4.4	-3.2	1.7	2	J
4	398	27.7	25	J	6.2	47	17	3.1	-0.6	3.5	4	J
5	383	30.3	24	J	4.6	32	358	3.6	-1.0	2.1	2	J
6	381	29.6	22	J	5.7	5	349	5.5	-1.2	0.1	1	J
7												
8												
9												
10												
11												
12												
13	397	17.2	18	J	7.2	12	324	5.6	-4.3	0.7	1	J
14	395	15.7	15	J	7.0	11	320	5.2	-4.5	0.4	2	J
15	386	20.5	11	J	6.1	-15	300	2.9	-4.5	-2.7	1	J
16	385	19.9	12	J	6.6	-5	308	4.0	-4.7	-2.0	1	J
17												
18	383	12.6	31	J	7.2	0	315	4.6	-4.2	-1.8	3	J
19	378	11.2	28	J	7.6	0	315	5.3	-4.8	-2.3	1	J
20	377	11.1	34	J	7.8	-3	310	4.9	-5.0	-3.1	1	J
21	368	11.4	37	J	8.0	-1	307	4.7	-5.3	-3.3	1	J
22	379	10.4	27	J	7.7	4	303	4.1	-5.6	-2.9	1	J
23	377	11.9	25	J	7.7	-11	305	4.3	-4.4	-4.5	1	J
24	379	11.3	15	J	7.9	-25	302	3.7	-3.2	-5.9	2	J

FEB. 20, 1992 (051)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4	486	58.9	122	J	13.4	-64	245	-2.3	0.3	-12.4	5	J
5	485	53.3	78	J	24.8	47	296	6.3	-17.9	9.4	13	J
6	475	45.9	53	J	28.6	18	243	-11.7	-24.4	0.4	10	J
7												
8												
9												
10												
11												
12												
13					20.2	-34	49	10.9	14.4	-8.7	3	J
14	421	25.5	122	J	20.2	-43	43	10.6	12.6	-11.2	4	J
15	422	21.6	95	J	20.7	-44	18	14.0	8.0	-12.6	3	J
16	414	19.9	90	J	21.4	-38	33	14.0	12.5	-9.8	3	J
17	429	28.5	96	J	20.2	-50	338	9.0	0.5	-12.1	14	J
18	422	25.2	54	J	18.9	-45	322	10.4	-2.3	-15.4	3	J
19												
20	414	19.3	113	J	15.5	-42	315	8.0	-2.2	-12.8	2	J
21	432	14.8	84	J	20.0	-27	290	5.9	-9.5	-15.8	6	J
22	497	7.6	111	J	24.6	-6	269	-0.4	-19.1	-14.9	4	J
23	507	4.1	61	J	25.3	-1	263	-3.1	-20.8	-13.9	2	J
24	468	3.5	66	J	26.8	-8	269	-0.5	-20.2	-17.4	4	J

FEB. 21, 1992 (052)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	336	2.2	45	J	36.4	-14	266	-2.5	-25.2	-26.1	1	J
2	416	3.7	49	J	30.1	-21	270	0.0	-18.7	-23.5	6	J
3	448	7.6	80	J	24.3	-24	271	0.4	-14.8	-19.1	2	J
4												
5												
6	420	18.7	153	J	22.4	-59	301	5.9	-3.0	-21.2	4	J
7	454	12.0	125	J	23.0	-65	288	3.0	-3.0	-22.5	3	J
8	452	20.3	117	J	20.0	-67	331	3.4	0.3	-9.4	18	J
9	478	10.3	220	J	22.4	-77	289	1.2	-0.2	-16.2	16	J
10	490	25.2	35	J	21.1	-21	70	6.4	18.5	-3.9	7	J
11	507	28.0	27	J	17.2	6	75	4.2	15.3	4.4	5	J
12												
13	484	22.5	27	J	19.3	-2	52	11.8	15.0	2.2	3	J
14	488	32.3	26	J	16.7	21	40	11.7	8.3	7.9	4	J
15	507	52.0	27	J	10.9	30	28	8.3	2.9	6.3	2	J
16					11.7	34	29	8.5	2.5	7.6	2	J
17					12.5	32	31	9.0	2.8	8.0	1	J
18	503	26.2	36	J	11.8	25	33	8.7	3.3	6.7	3	J
19	498	22.7	37	J	12.8	48	16	8.1	-2.0	9.4	2	J
20	491	15.2	23	J	14.0	45	339	8.9	-7.6	6.8	4	J
21	477	15.9	17	J	13.3	41	339	9.4	-7.5	5.7	1	J
22	487	11.4	9	J	13.4	40	317	7.5	-10.4	3.6	1	J
23	484	15.0	11	J	12.5	34	315	7.3	-9.9	1.9	1	J
24					12.3	29	310	6.9	-10.2	0.5	1	J

FEB. 22, 1992 (053)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	506	22.2	39	J	11.9	24	305	6.1	-9.9	-0.6	2	J
2					11.9	-7	303	6.3	-7.6	-6.1	3	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	437	4.4	17	J	8.4	-21	289	2.5	-6.7	-4.2	2	J
13	426	4.6	44	J	8.3	-12	295	3.2	-6.5	-2.9	3	J
14	441	4.5	29	J	8.1	-7	287	2.3	-7.0	-2.5	2	J
15	430	4.6	59	J	7.5	-7	297	3.2	-5.9	-2.5	2	J
16	423	3.3	87	J	7.8	22	317	4.9	-5.2	1.2	3	J
17	409	5.3	34	J	7.9	-5	309	3.5	-3.9	-2.0	6	J
18	406	5.0	27	J	7.8	24	328	5.4	-4.2	1.3	3	J
19	408	4.9	25	J	7.8	18	313	4.5	-5.2	-0.2	4	J
20	397	5.2	30	J	8.1	-5	308	4.3	-4.5	-3.2	4	J
21	420	5.6	22	J	7.9	-13	281	1.4	-5.4	-5.3	2	J
22	402	6.1	65	J	6.8	2	317	4.5	-3.6	-2.0	3	J
23	392	6.7	94	J	6.9	14	345	5.6	-2.1	0.4	3	J
24	415	6.5	50	J	7.4	-21	286	1.7	-3.7	-5.2	3	J

FEB. 23, 1992 (054)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11	391	7.0	40	J	7.2	18	298	3.1	-6.2	1.1	1	J
12	390	6.5	29	J	7.1	17	295	2.7	-6.2	0.9	2	J
13	388	6.8	36	J	7.2	14	298	2.9	-5.7	0.5	3	J
14	378	6.8	27	J	7.1	-8	309	4.1	-4.7	-2.0	3	J
15	389	6.9	23	J	7.0	3	291	2.4	-6.1	-1.3	2	J
16	371	7.1	26	J	7.0	-13	318	4.7	-3.6	-2.7	3	J
17	376	7.6	30	J	7.2	-16	316	4.4	-3.4	-3.2	3	J
18	384	7.2	18	J	7.1	2	290	2.1	-5.4	-2.1	4	J
19	368	7.2	22	J	7.1	4	322	5.0	-3.7	-1.3	3	J
20	385	7.7	20	J	7.1	-30	286	1.5	-3.1	-5.4	3	J
21	383	7.8	20	J	7.2	-23	286	1.6	-3.6	-5.1	3	J
22	381	8.1	22	J	7.2	-13	289	1.8	-3.8	-4.0	4	J
23	373	8.1	32	J	6.6	-18	312	3.3	-2.2	-3.4	4	J
24	366	7.9	37	J	6.8	2	320	4.7	-3.4	-2.0	3	J

FEB. 24, 1992 (055)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	379	7.9	28	J	7.1	54	330	3.2	-4.3	3.3	3	J
2	377	7.5	27	J	7.0	-12	300	2.6	-3.3	-3.2	5	J
3	369	6.9	30	J	7.0	-16	308	3.5	-3.1	-3.6	4	J
4	368	6.4	30	J	7.3	-8	320	5.1	-3.4	-2.7	3	J
5	372	6.6	33	J	7.4	-3	318	5.1	-4.1	-2.1	3	J
6	387	7.4	40	J	7.3	-21	298	2.8	-4.3	-4.0	3	J
7	387	7.1	44	J	7.0	-21	303	2.7	-3.5	-3.1	4	J
8	454	13.5	114	J	13.4	20	303	4.8	-7.9	1.3	9	J
9	458	14.3	119	J	13.3	-17	290	3.7	-9.2	-5.4	7	J
10	438	15.9	175	J	11.7	8	310	6.2	-7.5	0.0	6	J
11	442	16.5	158	J	11.1	38	318	4.9	-5.2	4.3	7	J
12	423	16.2	171	J	10.6	40	332	6.3	-4.4	5.3	5	J
13	425	17.5	189	J	9.0	8	11	5.5	0.9	1.0	7	J
14	418	18.5	187	J	9.2	-26	328	6.0	-2.9	-4.2	5	J
15	436	18.0	141	J	9.7	12	279	1.2	-7.8	-0.4	6	J
16	426	17.2	126	J	9.5	25	284	1.8	-8.0	1.1	5	J
17	441	22.4	155	J	13.7	36	303	5.1	-9.7	3.6	8	J
18	457	27.1	142	J	17.9	8	293	5.6	-12.9	-3.5	10	J
19	449	27.7	138	J	18.9	36	298	6.0	-14.3	3.3	10	J
20	458	27.8	69	J	19.8	20	274	1.2	-18.4	-2.9	7	J
21	457	22.6	89	J	20.1	-6	262	-2.7	-15.2	-11.5	6	J
22	430	21.5	147	J	18.6	5	283	3.5	-13.6	-7.0	10	J
23	445	27.6	140	J	14.7	-22	104	-2.4	10.2	1.9	10	J
24	455	32.1	93	J	15.6	-48	107	-3.0	14.4	-4.1	3	J

FEB. 25, 1992 (056)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	450	32.2	44	J	18.1	-63	204	-7.1	5.6	-14.6	6	J
2	446	30.8	33	J	17.0	-59	223	-6.3	2.3	-15.3	4	J
3	443	24.4	106	J	13.1	-35	265	-0.8	-4.7	-9.7	7	J
4	447	17.0	132	J	12.8	-45	261	-1.2	-3.4	-10.1	7	J
5					13.8	-48	107	-2.3	10.6	-5.2	11	J
6					13.5	-28	103	-2.6	12.9	-2.0	6	J
7					11.7	-30	110	-3.4	10.7	-2.8	1	J
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

FEB. 29, 1992 (060)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11	526	6.7	70	J								
12	494	6.5	59	J								
13	518	6.9	163	J								
14	559	6.3	88	J								
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

92-03-01 - 92-03-08

MAR. 1, 1992 (061)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9	496	9.7	88	J	7.9	86	33	0.1	-0.4	1.9	7	J
10	491	10.2	117	J	6.2	-76	91	0.0	0.2	-0.5	6	J
11	483	10.3	114	J	6.2	68	260	0.0	-0.2	0.3	6	J
12	480	8.5	91	J	5.9	80	194	-0.1	-0.1	0.3	5	J
13	476	8.0	81	J	5.0	-81	348	0.1	0.1	-0.8	5	J
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

MAR. 2, 1992 (062)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	485	2.9	63	J	5.9	53	226	-0.1	-0.2	0.2	5	J
14	488	2.9	51	J	5.9	-84	181	-0.1	0.3	-1.1	5	J
15												
16												
17												
18					6.2	51	63	0.7	0.5	2.3	6	J
19	506	3.4	37	J	6.3	-88	167	-0.1	1.9	-3.6	4	J
20					6.2	-37	265	-0.1	-0.4	-1.0	6	J
21	506	4.1	123	J	6.5	-86	301	0.1	0.9	-1.6	6	J
22	485	2.8	36	J	6.7	-86	93	0.0	1.3	-1.7	6	J
23	477	3.5	53	J	7.1	-38	122	-2.0	4.4	-0.7	5	J
24	473	4.0	79	J	6.8	-26	80	1.0	6.1	0.8	3	J

MAR. 3, 1992 (063)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	460	3.9	56	J	6.3	-29	144	-3.5	3.4	-0.6	4	J
2	455	3.7	32	J	6.7	-27	158	-5.0	3.2	-1.3	3	J
3	445	3.6	42	J	7.4	-10	151	-5.9	3.5	0.6	2	J
4	453	4.2	55	J	7.7	-24	152	-5.6	3.9	-1.2	3	J
5	476	4.1	37	J	8.0	-11	117	-3.2	6.3	1.3	4	J
6	469	3.8	54	J	8.3	-7	118	-3.7	6.9	1.6	3	J
7												
8												
9												
10												
11												
12												
13	401	6.9	168	J	6.8	-23	153	-5.3	3.2	-1.9	2	J
14	400	4.8	58	J	6.8	6	171	-6.4	0.8	0.9	2	J
15	402	5.4	57	J	7.0	-1	151	-5.9	3.2	0.8	2	J
16	426	5.3	74	J	7.0	-12	133	-4.2	4.7	0.2	3	J
17												
18												
19	425	5.2	60	J	7.7	-2	125	-3.8	5.0	2.3	4	J
20	455	5.0	41	J	7.9	9	97	-0.7	4.4	3.6	5	J
21	435	4.9	52	J	8.0	8	111	-2.4	4.8	4.1	4	J
22					8.6	-27	93	-0.4	7.6	0.9	4	J
23	448	4.2	58	J	9.1	-3	99	-1.2	6.7	4.0	5	J
24	454	4.2	49	J	9.4	1	102	-1.7	6.6	4.7	4	J

MAR. 4, 1992 (064)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	429	4.6	83	J	9.3	22	124	-4.4	3.7	6.2	4	J
2	454	6.3	57	J	9.1	-7	107	-2.5	7.5	3.4	3	J
3	455	7.3	70	J	8.5	6	112	-2.9	5.9	4.3	3	J
4	443	7.3	66	J	8.6	22	129	-4.7	3.8	5.3	3	J
5	449	7.8	57	J	8.7	13	115	-3.0	5.3	4.2	5	J
6	450	9.7	63	J	8.3	37	120	-2.7	2.9	5.4	5	J
7	457	10.6	72	J	8.0	4	101	-1.1	5.3	2.1	5	J
8	465	10.1	65	J	8.7	29	93	-0.3	4.1	4.0	7	J
9	459	11.6	102	J	8.6	33	108	-1.6	4.1	4.5	6	J
10	439	11.3	126	J	8.3	-7	136	-5.1	5.0	0.2	5	J
11												
12												
13	462	11.2	105	J	8.4	-33	93	-0.4	7.5	-2.8	2	J
14												
15	458	13.7	164	J	6.3	-49	163	-2.5	1.6	-2.7	5	J
16	467	14.3	147	J	7.2	-42	98	-0.5	4.7	-2.1	5	J
17	464	14.2	178	J	7.4	14	106	-1.5	4.3	3.1	5	J
18	473	11.3	184	J	8.0	-19	111	-1.7	4.7	0.4	6	J
19	462	11.6	266	J	7.4	-7	194	-4.9	-0.8	-1.1	5	J
20	474	10.1	176	J	8.7	-15	100	-1.2	7.0	1.9	5	J
21	469	9.9	165	J	9.4	-33	102	-1.4	7.8	-0.2	5	J
22	475	9.9	143	J	8.8	-6	100	-1.1	5.5	2.9	6	J
23	490	9.9	143	J	9.2	0	77	-1.8	6.5	4.4	5	J
24	495	9.0	103	J	8.8	-17	72	2.2	6.9	2.0	5	J

MAR. 5, 1992 (065)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	496	9.4	109	J	7.9	-34	75	1.4	6.5	-0.2	4	J
2	474	9.8	102	J	7.7	13	123	-2.9	3.2	3.4	5	J
3	462	9.5	102	J	6.9	-2	162	-5.0	1.5	0.6	4	J
4	469	9.3	117	J	7.8	-13	202	-6.0	-1.5	-2.4	4	J
5	457	9.2	84	J	7.2	-12	186	-6.5	-0.1	-1.6	3	J
6	466	8.1	87	J	6.7	-19	161	-5.1	2.3	-1.1	4	J
7	472	8.0	106	J	6.6	-18	145	-4.4	3.5	-0.7	3	J
8	463	8.1	100	J	6.1	-17	184	-5.3	0.1	-1.7	2	J
9	489	7.4	84	J	6.1	-1	92	-0.2	4.5	1.0	4	J
10	482	7.0	83	J	6.1	-19	101	-0.9	5.0	-0.6	3	J
11												
12	451	6.1	51	J	6.3	25	158	-4.7	1.4	2.7	3	J
13	458	6.9	62	J	5.9	27	130	-2.9	2.8	3.0	3	J
14	443	7.2	118	J	5.5	17	182	-5.0	-0.5	1.4	2	J
15	446	7.8	113	J	5.6	3	147	-4.0	2.4	1.0	3	J
16	464	7.3	65	J	5.9	-43	106	-1.1	4.8	-2.2	2	J
17	438	7.4	98	J	6.1	-29	188	-4.9	0.4	-2.8	2	J
18	424	8.4	147	J	6.0	-17	184	-5.3	0.4	-1.6	2	J
19	412	8.7	169	J	5.7	8	173	-5.2	0.2	1.0	2	J
20	436	7.6	72	J	5.5	10	126	-2.6	2.7	2.5	3	J
21	439	8.0	63	J	5.8	-9	110	-1.8	4.7	2.0	2	J
22	413	8.3	53	J	6.3	-6	126	-3.5	4.4	2.2	2	J
23	421	9.9	48	J	6.0	-49	138	-2.5	4.1	-2.0	3	J
24	414	10.3	41	J	5.8	-37	150	-3.7	3.5	-1.4	3	J

MAR. 6, 1992 (066)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	406	10.3	39	J	6.5	-26	166	-5.1	2.5	-1.5	3	J
2	399	10.5	44	J	6.7	4	161	-6.1	1.6	1.5	2	J
3	395	9.6	45	J	6.3	19	175	-5.6	-0.5	1.9	2	J
4	404	10.2	44	J	6.0	37	160	-4.3	-0.2	3.8	2	J
5	400	10.6	47	J	6.1	17	152	-4.1	1.4	2.2	4	J
6	417	10.3	31	J	6.2	-32	91	-0.1	5.6	-1.1	3	J
7												
8												
9												
10												
11												
12												
13												
14												
15	404	4.7	27	J	7.6	10	156	-6.4	2.4	2.0	3	J
16	399	4.9	22	J	7.7	-3	150	-6.6	3.7	0.9	1	J
17	401	4.8	25	J	7.6	-17	146	-5.9	4.5	-0.5	2	J
18	398	4.5	30	J	7.1	-22	149	-5.5	4.1	-1.0	2	J
19	400	4.5	36	J	6.8	-9	144	-5.3	3.9	0.9	2	J
20	392	4.7	44	J	6.7	-6	151	-5.7	3.0	1.0	2	J
21	410	5.8	36	J	6.8	-20	85	0.5	5.6	1.2	4	J
22	428	6.7	31	J	6.5	-16	52	3.6	4.7	1.1	3	J
23	402	5.4	47	J	6.7	-27	121	-2.4	4.6	0.3	4	J
24	385	5.6	75	J	6.2	-23	142	-3.9	3.7	0.0	3	J

MAR. 7, 1992 (067)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	400	6.3	28	J	6.2	36	109	-1.3	1.6	4.6	4	J
2	394	6.6	33	J	6.5	38	123	-2.7	1.5	5.6	1	J
3												
4												
5												
6												
7												
8												
9												
10	379	9.0	18	J	6.8	32	101	-1.1	4.7	4.6	1	J
11	374	9.4	23	J	6.9	20	114	-2.4	4.9	3.2	3	J
12	376	10.1	28	J	7.3	31	99	-0.8	4.3	4.1	4	J
13	380	11.0	23	J	8.3	13	97	-0.8	5.9	2.9	5	J
14	369	12.4	28	J	9.6	13	108	-2.4	6.7	3.6	5	J
15	368	14.6	22	J	9.3	-15	110	-2.8	8.1	0.1	3	J
16	379	14.7	19	J	8.9	-63	84	0.4	6.1	-5.9	3	J
17	373	16.1	22	J	8.6	-25	98	-1.0	7.8	-0.4	3	J
18	379	16.7	26	J	8.7	-43	72	1.7	7.1	-2.5	4	J
19	378	18.2	25	J	8.6	-33	73	2.0	7.8	-0.9	3	J
20	366	20.1	37	J	7.0	15	120	-2.6	3.1	3.4	4	J
21	371	19.5	38	J	8.4	-55	107	-1.3	6.8	-3.0	4	J
22	372	21.7	63	J	6.4	-36	197	-3.5	0.6	-2.8	5	J
23	379	20.9	80	J	6.4	-46	138	-1.9	2.9	-1.2	5	J
24	373	19.9	114	J	5.7	12	158	-3.4	0.7	1.4	4	J

MAR. 8, 1992 (068)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	381	19.8	107	J	6.1	-20	121	-1.4	2.5	0.5	6	J
2	376	19.5	112	J	6.9	-35	151	-3.8	3.4	-1.5	5	J
3	378	20.2	116	J	7.6	52	189	-4.3	-3.3	4.5	3	J
4	386	20.5	107	J	8.3	-4	102	-1.4	6.0	2.6	5	J
5	394	19.9	80	J	8.2	-10	80	1.4	7.6	1.9	2	J
6												
7												
8												
9	374	24.5	61	J	11.4	-15	107	-3.1	10.4	-0.4	3	J
10	360	26.5	87	J	12.0	20	140	-7.5	5.4	4.8	6	J
11	351	25.3	117	J	11.5	20	176	-9.7	-0.1	3.6	5	J
12	369	25.7	98	J	10.3	29	155	-5.5	1.8	3.8	8	J
13	365	25.2	120	J	9.4	-31	185	-5.3	0.3	-3.2	7	J
14	389	21.9	77	J	11.4	-10	98	-1.3	9.6	0.7	6	J
15	389	14.2	59	J	15.6	0	125	-8.8	12.0	3.6	3	J
16	382	15.0	59	J	17.0	8	147	-13.2	7.4	4.9	6	J
17	385	14.8	49	J	16.7	20	141	-12.0	6.9	8.9	3	J
18	403	16.4	95	J	14.8	31	154	-9.6	1.5	7.8	8	J
19	425	19.1	149	J	13.1	29	136	-7.5	3.7	8.6	5	J
20	443	18.9	143	J	13.2	26	121	-5.1	4.9	8.5	7	J
21	429	13.6	119	J	15.1	34	143	-9.6	1.7	10.7	4	J
22	417	14.3	144	J								
23	440	12.7	192	J								
24	449	17.4	167	J								

92-03-09 - 92-03-20

MAR. 9, 1992 (069)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	474	22.9	249	J								
2	466	20.4	192	J								
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

MAR. 13, 1992 (073)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	415	4.3	69	J	5.4	0	162	-4.7	1.5	0.3	2	J
13	409	5.9	113	J	5.5	-8	160	-4.7	1.8	-0.3	2	J
14	381	7.5	173	J	5.4	-7	179	-5.3	0.3	-0.6	1	J
15	402	5.4	103	J	4.9	0	164	-4.6	1.3	0.4	1	J
16	405	4.1	65	J	5.3	11	175	-5.0	0.1	1.1	2	J
17	399	5.5	59	J	5.3	18	171	-4.8	0.1	1.7	1	J
18	406	4.1	29	J	5.0	-1	158	-4.1	1.5	0.6	2	J
19	408	4.7	29	J	5.0	-2	138	-2.9	2.4	1.1	3	J
20	403	4.9	28	J	5.2	2	126	-2.9	3.4	2.2	1	J
21												
22												
23												
24												

MAR. 15, 1992 (075)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	322	39.3	23	J	10.1	-5	164	-9.5	2.8	-0.2	2	J
14	315	42.0	18	J	7.9	14	158	-6.9	2.2	2.5	1	J
15	315	44.9	24	J	7.7	-6	172	-7.5	1.2	-0.5	1	J
16												
17												
18												
19												
20												
21												
22												
23												
24												

MAR. 16, 1992 (076)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3	328	17.1	13	J	9.6	65	355	3.6	-4.2	6.6	4	J
4	332	16.6	9	J	10.0	69	115	-1.5	-1.4	9.8	1	J
5	318	56.6	20	J	9.8	68	85	0.3	-0.4	9.6	2	J
6	327	32.1	17	J	7.1	52	119	-1.9	1.4	5.9	3	J
7	326	36.9	21	J	6.9	8	118	-2.9	5.0	2.6	3	J
8	328	21.9	16	J	9.7	-49	144	-4.7	5.1	-5.5	4	J
9	347	11.1	15	J	10.6	-66	180	-4.2	2.3	-9.1	2	J
10												
11												
12												
13												
14	357	12.7	47	J	8.9	-14	213	-6.3	-3.5	-2.8	4	J
15	357	14.0	41	J	9.3	-14	219	-6.3	-4.3	-3.4	4	J
16	357	13.4	31	J	10.9	-47	172	-7.0	3.5	-6.8	4	J
17	357	13.1	26	J	11.1	-52	164	-6.3	4.9	-7.1	3	J
18	356	13.7	34	J	10.2	-38	172	-7.6	3.6	-5.0	2	J
19	356	12.9	44	J	9.2	-19	175	-7.3	1.8	-1.9	5	J
20	354	13.5	44	J	8.9	-18	159	-6.8	3.5	-0.7	5	J
21	360	12.9	26	J	8.8	-49	185	-5.7	3.1	-5.8	1	J
22					8.4	-30	174	-7.2	3.0	-3.0		J
-5.9	2.2	3.3	3	J								
24	345	13.7	66	J	7.2	-10	158	-5.9	2.6	0.4	3	J

MAR. 17, 1992 (077)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	347	15.2	75	J	7.4	-23	248	-2.4	-3.4	-5.5	3	J
2	370	16.4	30	J	7.2	43	172	-3.1	-1.2	2.7	6	J
3	355	16.3	44	J	7.2	21	142	-3.5	1.5	2.8	6	J
4	353	16.5	44	J	6.9	28	129	-3.4	2.4	4.5	3	J
5	341	14.4	30	J	7.0	-19	168	-5.6	1.9	-1.3	4	J
6	336	13.6	29	J	7.3	-8	165	-6.2	1.9	-0.2	3	J
7	349	15.1	34	J	7.6	57	139	-2.6	0.5	5.7	4	J
8	347	11.7	43	J	8.8	38	133	-4.4	3.2	6.1	3	J
9	367	12.8	33	J	8.4	66	105	-0.9	1.3	8.0	2	J
10												
11												
12												
13												
14												
15	522	29.6	714	J	20.9	9	266	-1.2	-17.2	-2.4	12	J
16	548	20.9	642	J	24.6	14	264	-2.2	-21.0	-2.0	13	J
17	562	20.4	377	J	23.0	0	101	-4.2	20.0	8.3	6	J
18	565	22.3	237	J	23.0	-29	83	2.4	22.2	-1.4	5	J
19	559	43.9	141	J	22.9	-20	83	2.5	21.2	3.1	8	J
20	576	47.3	99	J	19.3	0	100	-3.1	15.3	9.2	7	J
21	548	45.5	63	J	20.2	10	110	-6.5	13.2	12.5	6	J
22	526	28.5	60	J	21.9	19	119	-10.0	10.9	16.0	3	J
23	519	32.9	47	J	21.1	20	122	-10.2	9.4	15.0	5	J
24	510	43.6	62	J	18.0	-28	87	0.6	12.3	1.4	13	J

MAR. 18, 1992 (078)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	528	29.3	31	J	18.9	12	118	-7.0	9.2	10.0	11	J
2	517	23.0	58	J	16.0	36	118	-6.1	4.7	14.0	2	J
3												
4												
5												
6												
7												
8												
9												
10	546	6.3	48	J	13.5	54	13	7.4	-0.6	10.6	4	J
11	563	4.6	66	J	13.2	58	327	5.6	-5.8	9.7	4	J
12	576	5.5	78	J	12.4	77	342	2.6	-3.3	11.3	3	J
13	544	3.5	59	J	11.3	43	111	-2.7	5.3	8.4	5	J
14	525	3.1	34	J	12.4	72	83	0.4	0.6	11.3	5	J
15	519	2.5	35	J	11.0	66	311	2.7	-5.6	7.8	5	J
16	548	2.2	38	J	10.1	72	7	2.9	-2.7	8.6	4	J
17	543	1.8	24	J	9.3	75	49	1.4	-1.6	8.1	4	J
18					8.4	66	125	-1.9	-0.8	8.0	2	J
19	542	1.1	38	J	8.2	73	119	-1.1	-1.9	7.7	2	J
20	530	1.7	23	J	8.1	71	138	-1.9	-2.4	7.3	2	J
21	531	3.2	56	J	7.6	86	116	-0.2	-3.6	6.4	2	J
22					7.7	41	166	-5.5	-1.6	4.8	2	J
23					7.5	48	173	-4.8	-2.6	4.8	2	J
24					7.6	50	182	-4.8	-3.4	4.6	1	J

MAR. 19, 1992 (079)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	482	1.0	29	J	7.8	44	176	-5.5	-2.7	4.7	1	J
2					7.5	33	174	-6.2	-1.6	3.8	1	J
3					8.8	32	164	-7.1	-0.5	5.0	2	J
4	475	1.9	28	J	9.3	31	161	-7.5	0.1	5.4	1	J
5	483	2.2	31	J	10.1	43	170	-7.1	-1.6	6.6	2	J
6												
7					8.9	57	190	-4.8	-3.2	6.8	0	J
8	451	2.2	25	J	8.8	52	210	-4.6	-4.5	5.9	1	J
9	433	1.7	19	J	8.5	25	186	-7.7	-1.6	3.3	1	J
10	432	1.9	24	J	8.5	30	186	-7.2	-1.7	3.9	2	J
11	430	1.8	25	J	8.4	27	199	-7.0	-3.1	3.2	1	J
12	439	2.3	24	J	8.2	49	165	-4.9	0.1	6.0	2	J
13	454	3.1	27	J	7.7	56	134	-2.9	1.5	6.7	2	J
14	430	2.7	32	J	7.8	24	194	-6.6	-2.4	2.5	2	J
15	420	2.6	34	J	8.0	25	199	-6.8	-3.2	2.5	1	J
16	424	2.8	27	J	7.3	38	209	-5.0	-4.1	3.3	1	J
17	411	2.9	23	J	7.8	26	195	-6.5	-2.9	2.4	2	J
18	404	3.7	24	J	10.2	16	186	-9.5	-2.1	2.0	3	J
19	409	3.6	25	J	8.9	23	182	-7.7	-1.8	2.8	3	J
20												
21												
22	420	3.1	27	J	8.7	47	205	-5.3	-5.5	3.8	2	J
23	430	2.6	22	J	7.9	45	202	-5.0	-4.8	3.3	2	J
24	411	3.4	40	J	7.2	31	196	-5.9	-3.5	2.1	1	J

MAR. 20, 1992 (080)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	405	3.3	38	J	6.9	28	177	-6.1	-1.5	2.9	1	J
2	405	3.4	52	J	6.6	34	197	-5.0	-3.2	2.2	2	J
3	398	4.2	33	J	8.0	28	192	-6.7	-3.1	2.5	2	J
4	389	4.3	30	J	8.3	32	183	-6.9	-2.3	3.7	1	J
5	391	3.5	22	J	8.0	33	202	-6.0	-3.9	2.8	2	J
6	401	2.9	18	J	8.0	33	204	-6.0	-4.0	3.0	2	J
7	391	3.6	19	J	7.8	37	207	-5.3	-4.0	3.4	2	J
8	403	2.4	29	J	8.3	44	194	-5.7	-2.9	5.0	2	J
9					8.0	53	136	-3.3	1.6	6.7	2	J
10	412	2.4	39	J	7.9	62	147	-3.0	0.4	7.0	2	J
11	408	2.0	39	J	7.3	55	152	-3.5	0.6	6.0	2	J
12					7.5	47	157	-4.6	0.8	5.7	1	J
13	399	1.9	47	J	7.4	46	183	-4.9	-1.4	4.9	2	J
14	398	1.9	42	J	7.6	45	163	-4.9	0.1	5.4	2	J
15	412	2.2	44	J	7.9	47	160	-4.9	0.1	5.8	2	J
16	410	2.2	42	J	8.2	37	177	-5.4	-1.1	3.9	5	J
17	415	2.3	41	J	8.8	48	159	-5.0	-0.5	6.2	4	J
18	425	2.6	45	J	8.8	59	156	-4.0	-1.5	7.3	2	J
19					8.8	48	150	-5.0	-0.5	7.1	1	J
20	406	2.3	39	J	8.7	49	170	-4.5	-2.0	4.9	5	J
21	439	2.6	33	J	8.8	61	137	-2.8	-1.6	7.2	4	J
22	410	2.6	28	J	8.9	49	151	-4.8	-1.4	6.7	3	J
23	391	3.3	45	J	8.6	39	172	-6.3	-2.2	4.7	3	J
24	419	3.9	64	J	8.7	57	167	-4.0	-2.9	5.8	4	J

92-03-21 - 92-04-02

MAR. 21, 1992 (081)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	453	4.9	59	J	8.8	72	287	0.7	-6.3	5.1	3	J
2	408	3.7	41	J	10.3	46	163	-6.2	-2.0	6.7	4	J
3	384	3.5	32	J	11.1	16	173	-9.0	-0.3	2.8	6	J
4	440	3.5	54	J	11.1	43	126	-4.4	2.2	8.9	4	J
5	425	3.5	51	J	11.1	43	127	-4.5	2.6	8.9	4	J
6	453	5.2	61	J	11.0	82	134	-1.0	-2.9	10.4	2	J
7	434	5.2	51	J	11.1	68	139	-3.1	-0.6	10.3	3	J
8												
9	478	16.2	56	J	9.2	-41	126	-4.0	6.8	-4.4	2	J
10	470	15.4	132	J	7.1	-40	119	-2.5	5.2	-3.2	3	J
11	448	18.2	106	J	9.2	-21	310	4.9	-5.1	-4.1	5	J
12	425	10.6	78	J	11.6	7	315	6.4	-6.5	-0.3	7	J
13	438	9.4	67	J	12.3	-46	301	3.0	-3.5	-7.1	9	J
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

MAR. 26, 1992 (086)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	375	7.4	38	J	7.9	-2	309	4.3	-5.1	-1.6	4	J
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

MAR. 27, 1992 (087)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	400	9.8	95	J	5.7	30	67	0.8	1.0	2.1	5	J
2	407	9.8	82	J	5.6	-9	103	-0.9	3.7	1.5	4	J
3	416	9.8	78	J	6.0	49	243	-1.0	-3.1	1.3	5	J
4	406	9.2	66	J	6.1	36	205	-3.7	-2.9	1.9	3	J
5	397	9.1	71	J	6.3	3	275	0.3	-3.5	-1.4	5	J
6	388	9.5	80	J	6.1	-8	333	5.1	-2.1	-1.7	2	J
7												
8												
9												
10												
11												
12												
13												
14												
15												
16	406	9.4	89	J	5.9	22	358	5.0	-0.8	1.8	2	J
17	405	8.9	67	J	5.7	26	337	4.0	-2.4	1.3	3	J
18	404	8.8	58	J	6.3	-3	320	4.2	-3.1	-1.8	3	J
19	410	8.4	47	J	6.5	-61	295	1.2	0.2	-5.9	2	J
20	404	7.7	44	J	6.0	-40	298	1.9	-1.4	-4.9	3	J
21	387	7.8	64	J	5.9	-31	320	3.5	-1.0	-4.0	2	J
22	397	7.8	47	J	6.0	-42	301	2.2	-0.9	-5.3	1	J
23												
24												

MAR. 29, 1992 (089)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	355	11.6	28	J	6.5	-61	282	0.5	-1.2	-4.8	4	J
15	358	11.9	21	J	6.8	-26	262	-0.8	-4.4	-4.0	3	J
16	358	12.1	19	J	7.3	-22	263	-0.8	-5.1	-4.5	3	J
17	352	11.5	17	J	7.4	0	275	0.6	-6.4	-2.7	2	J
18	351	11.2	14	J	7.7	-14	276	0.7	-5.6	-4.6	2	J
19	340	11.1	16	J	7.8	-25	292	2.5	-4.0	-5.8	2	J
20	350	12.1	10	J	8.1	-36	285	1.5	-2.7	-6.7	3	J
21												
22												
23												
24												

MAR. 30, 1992 (090)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9	336	10.3	14	J	9.9	1	304	5.4	-7.8	-1.7	2	J
10	339	11.1	21	J	9.6	7	308	5.8	-7.5	-0.4	1	J
11	337	10.5	17	J	9.1	9	323	6.9	-5.4	0.3	2	J
12	338	10.5	22	J	8.7	9	333	6.5	-3.5	0.5	5	J
13	356	11.5	40	J	8.4	10	311	5.0	-6.0	0.1	3	J
14	339	9.9	16	J	9.4	34	329	6.5	-5.0	4.0	2	J
15	337	10.5	15	J	9.1	23	326	6.9	-5.4	2.1	1	J
16	332	10.1	21	J	8.7	18	345	7.8	-2.8	1.8	1	J
17	339	11.1	29	J	8.6	12	332	5.9	-3.4	0.1	5	J
18	349	13.4	40	J	8.2	9	294	2.7	-5.8	-1.6	5	J
19	340	13.1	39	J	8.4	-9	303	3.7	-4.5	-3.7	5	J
20	348	12.1	39	J	8.8	-8	300	2.9	-3.9	-3.3	7	J
21	358	10.8	42	J	9.1	25	339	4.3	-2.6	0.9	8	J
22	376	11.3	28	J	8.6	-13	246	-3.2	-5.0	-5.6	3	J
23	361	11.2	37	J	8.4	14	285	1.8	-6.6	-2.4	4	J
24	366	11.0	37	J	7.9	-22	257	-1.4	-3.7	-5.6	4	J

MAR. 31, 1992 (091)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	353	10.7	36	J	7.6	-3	288	2.3	-5.6	-4.1	2	J
2	354	10.4	32	J	7.7	33	292	2.3	-6.9	0.4	2	J
3												
4												
5												
6												
7												
8	328	8.4	20	J	7.0	22	343	6.1	-2.5	2.0	1	J
9	339	8.6	28	J	6.9	1	311	3.5	-3.9	-0.8	4	J
10	331	7.4	23	J	7.0	8	321	5.1	-4.2	0.0	2	J
11	342	8.0	20	J	6.9	1	298	3.0	-5.5	-1.0	3	J
12	328	7.4	17	J	6.9	4	317	4.9	-4.6	-0.5	1	J
13	334	7.0	20	J	6.3	7	336	4.3	-2.0	0.1	4	J
14	332	8.1	15	J	6.9	-29	329	5.0	-2.1	-3.9	2	J
15	349	8.2	19	J	7.2	-17	294	2.3	-4.4	-3.1	4	J
16	323	7.8	18	J	7.3	15	337	6.1	-3.0	0.8	2	J
17	333	8.6	16	J	8.4	31	324	5.6	-5.4	2.3	2	J
18	356	18.6	33	J	5.1	6	320	3.4	-2.7	-0.8	4	J
19	375	31.3	34	J	2.7	-13	287	0.6	-1.6	-1.4	2	J
20	376	33.4	36	J	3.8	45	340	2.2	-1.9	1.6	2	J
21	377	24.0	49	J	5.9	5	315	3.8	-3.5	-1.7	3	J
22	388	30.6	35	J	6.1	18	5	5.6	-0.6	1.8	2	J
23	378	24.9	52	J	7.3	30	7	6.0	-1.4	3.3	3	J
24	378	22.6	75	J	8.2	32	116	-3.0	2.7	7.0	0	J

APR. 1, 1992 (092)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	368	19.4	69	J	8.2	29	111	-2.4	3.2	6.5	3	J
2	374	20.0	39	J	8.5	-33	300	3.5	-2.8	-7.1	1	J
3	356	18.9	47	J	8.6	-6	338	6.7	-2.0	-2.0	5	J
4	368	17.6	55	J	9.2	18	347	6.9	-2.4	1.3	6	J
5	408	20.4	46	J	8.0	-9	260	-1.2	-5.9	-3.8	4	J
6	411	22.6	28	J	8.1	-18	228	-5.2	-4.5	-4.3	1	J
7	418	20.4	22	J	9.0	-14	232	-5.4	-5.9	-4.2	1	J
8	405	26.1	25	J	7.8	-26	213	-4.9	-2.3	-3.6	5	J
9	408	27.7	30	J	8.6	3	37	6.8	4.9	1.6	1	J
10	397	29.2	19	J	9.4	4	43	6.7	6.0	1.9	2	J
11	388	32.9	19	J	9.0	-12	47	5.9	6.5	-0.6	2	J
12	386	20.8	24	J	11.3	54	51	3.2	2.5	7.6	7	J
13	393	8.9	10	J	12.9	-2	53	7.7	10.1	1.8	2	J
14	378	8.8	14	J	13.4	0	51	8.4	10.0	2.5	2	J
15	366	8.6	49	J	13.7	11	46	9.3	8.5	5.2	1	J
16	378	12.1	18	J	14.5	5	38	11.4	8.0	4.1	1	J
17	384	10.2	28	J	15.1	22	35	11.4	5.3	8.2	2	J
18	368	11.3	16	J	14.9	32	26	11.3	1.6	9.4	2	J
19	365	11.5	11	J	14.9	39	19	10.9	-1.1	10.0	1	J
20	304	11.6	36	J	14.9	50	20	9.0	-3.0	11.5	1	J
21	364	11.8	10	J	14.7	55	16	8.0	-4.5	11.3	1	J
22	355	17.6	22	J	14.1	68	331	4.6	-9.3	9.4	2	J
23	355	18.2	26	J	13.8	69	308	3.0	-10.2	8.2	3	J
24	361	13.5	33	J	14.0	65	286	1.6	-11.7	7.3	1	J

APR. 2, 1992 (093)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	358	13.0	22	J	13.1	65	277	0.7	-10.7	6.8	3	J
2	344	13.5	81	J	11.7	34	239	-4.9	-10.3	1.3	3	J
3	348	10.1	20	J	11.5	58	244	-2.5	-9.0	5.6	4	J
4	362	9.9	14	J	11.1	77	238	-1.2	-6.1	8.0	4	J
5												
6												
7					7.8	28	55	4.0	4.3	5.2	0	J
8	356	16.0	51	J	7.7	17	162	-5.2	1.2	2.0	5	J
9	347	14.5	46	J	7.7	17	170	-7.2	0.7	2.5	1	J
10	349	15.4	46	J	7.7	23	164	-6.7	1.3	3.3	1	J
11	353	15.4	38	J	8.5	40	164	-6.1	0.7	5.6	2	J
12	346	15.8	47	J	9.1	41	188	-6.7	-2.1	5.6	1	J
13	338	13.9	29	J	10.0	14	181	-9.3	-0.7	2.2	3	J
14	336	13.4	62	J	11.3	-7	163	-10.7	3.5	-0.5	1	J
15	327	15.1	40	J	11.5	-7	171	-11.2	2.1	-0.8	2	J
16	331	11.5	21	J	9.9	-8	191	-9.4	-1.3	-1.9	1	J
17	333	11.7	22	J	10.9	-18	205	-9.1	-2.7	-4.6	2	J
18	329	12.0	28	J	11.0	-23	203	-9.1	-1.7	-5.4	2	J
19	340	15.1	93	J	9.6	-11	207	-7.5	-2.6	-3.3	4	J
20	361	17.7	85	J	5.6	24	154	-3.4	0.6	2.3	4	J
21	356	17.2	78	J	7.4	10	134	-4.4	3.2	3.4	4	J
22	370	17.8	75	J	7.2	18	105	-1.6	3.7	4.8	4	J
23	369	18.8	40	J	11.1	50	106	-1.9	0.9	10.8	1	J
24	368	19.7	50	J	12.3	51	113	-3.0	0.6	11.7	2	J

92-04-03 - 92-04-13

APR. 3, 1992 (094)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	360	22.5	67	J	12.1	43	127	-5.2	1.4	10.5	3	J
2	355	23.6	76	J	11.9	41	138	-6.5	1.1	9.5	3	J
3	361	24.4	90	J	9.9	37	132	-5.0	2.1	7.6	3	J
4	361	25.6	95	J	10.8	39	137	-6.0	2.1	8.4	3	J
5	368	24.3	92	J	11.5	42	126	-4.6	3.0	8.9	5	J
6	390	22.2	109	J	10.2	-50	20	3.3	2.6	-3.5	9	J
7					9.9	-46	316	4.2	-2.1	-7.0	6	J
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

APR. 7, 1992 (098)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	635	4.0	150	J								
15	614	5.4	250	J								
16	617	4.7	281	J								
17	617	4.0	128	J								
18	617	4.3	70	J								
19												
20												
21												
22												
23	587	3.7	88	J	6.5	13	159	-4.6	0.8	1.9	4	J
24	590	4.1	96	J	6.6	18	142	-4.2	1.8	3.2	3	J

APR. 8, 1992 (099)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	620	4.3	127	J	5.6	34	258	-0.6	-3.1	0.1	5	J
2	617	4.8	98	J	6.1	32	171	-4.2	-0.8	2.6	4	J
3	609	5.2	105	J	6.6	4	130	-3.7	3.7	2.5	3	J
4	599	5.0	81	J	6.3	-30	167	-5.1	2.3	-2.2	2	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	603	3.8	83	J	4.1	22	94	-0.2	2.6	1.8	3	J
15	580	3.5	115	J	3.2	53	100	-0.1	0.4	1.1	3	J
16	560	3.5	85	J	3.6	-4	146	-2.5	1.7	0.3	2	J
17	558	3.5	62	J	2.6	-31	148	-1.0	0.9	-0.4	2	J
18					2.3	-45	187	-0.4	0.1	-0.3	2	J
19	554	4.0	34	J	5.2	-83	162	-0.5	2.1	-3.6	3	J
20					5.2	-66	28	1.4	2.5	-2.8	3	J
21												
22												
23												
24												

APR. 9, 1992 (100)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	439	4.7	49	J	4.8	19	136	-2.7	2.2	1.8	3	J
15												
16												
17												
18												
19	460	6.4	22	J	5.7	-21	53	3.0	4.5	0.1	2	J
20	409	7.8	158	J	5.0	15	174	-4.5	-0.2	1.3	2	J
21	385	10.3	255	J	5.7	13	197	-5.1	-2.0	0.2	1	J
22	408	7.6	128	J	5.8	4	203	-5.2	-2.1	-0.9	1	J
23					5.9	-15	179	-5.5	0.9	-1.2	1	J
24	410	7.2	35	J	5.6	-7	153	-4.5	2.3	0.7	2	J

APR. 10, 1992 (101)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	407	9.8	126	J	5.5	-8	163	-4.4	1.5	0.2	3	J
2	422	8.1	49	J	5.8	19	138	-2.7	1.5	2.3	4	J
3	450	8.7	22	J	5.9	4	66	2.3	4.3	2.7	2	J
4	434	7.7	25	J	5.5	-14	103	-0.7	3.2	0.6	5	J
5	422	8.1	35	J	4.7	-12	110	-1.1	3.2	0.5	3	J
6	428	8.5	43	J	4.8	-25	93	-0.2	4.5	-0.4	2	J
7												
8												
9												
10												
11												
12												
13	413	8.8	13	J	6.2	-6	84	0.6	5.9	0.6	1	J
14	408	8.6	14	J	6.2	-7	75	1.5	5.8	0.6	2	J
15	364	11.5	108	J	6.0	4	121	-2.6	4.1	1.5	3	J
16	381	8.8	50	J	5.9	3	131	-3.6	3.8	1.6	2	J
17	371	10.2	67	J	5.9	9	143	-3.8	2.4	1.7	3	J
18	358	10.1	77	J	6.1	19	176	-5.6	-0.4	1.9	1	J
19												
20												
21												
22												
23												
24												

APR. 11, 1992 (102)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9	333	6.3	31	J	6.2	3	177	-6.1	0.2	0.4	1	J
10	336	6.4	24	J	5.9	7	158	-5.2	2.0	1.1	1	J
11	329	9.5	26	J	6.5	8	155	-5.8	2.5	1.4	1	J
12	329	7.4	21	J	6.0	8	162	-5.6	1.6	1.1	1	J
13	332	7.6	16	J	6.3	10	154	-5.4	2.4	1.6	1	J
14	335	7.6	16	J	6.2	-1	154	-5.3	2.5	0.5	2	J
15	332	8.2	23	J	6.1	1	154	-5.2	2.4	0.8	2	J
16	335	8.1	13	J	6.6	3	151	-5.5	2.8	1.3	2	J
17	354	7.1	10	J	6.7	22	139	-4.6	2.9	3.8	1	J
18	351	7.1	10	J	6.3	16	145	-4.9	2.4	3.0	1	J
19	354	7.1	10	J	6.1	20	145	-3.8	1.6	2.8	3	J
20	352	7.1	11	J	6.2	19	149	-4.9	1.6	3.2	1	J
21	352	7.6	9	J	6.0	14	144	-4.7	2.2	3.0	1	J
22												
23												
24												

APR. 12, 1992 (103)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8	376	9.7	34	J	8.4	24	138	-5.1	3.7	4.1	4	J
9	376	10.8	37	J	8.4	17	132	-5.2	5.1	3.5	2	J
10	376	10.5	32	J	8.8	7	127	-5.1	6.5	2.3	2	J
11	382	11.8	27	J	8.5	12	127	-4.8	6.0	2.8	2	J
12	383	11.9	23	J	8.6	11	124	-4.7	6.5	2.8	2	J
13	379	11.8	18	J	8.8	-2	123	-4.8	7.3	1.1	1	J
14	381	12.1	15	J	8.7	0	110	-2.9	7.9	1.8	1	J
15	382	12.9	22	J	9.4	-2	102	-1.9	8.7	2.0	2	J
16	384	12.2	44	J	9.7	1	101	-1.8	8.7	3.0	2	J
17	370	7.5	94	J	10.3	19	130	-6.1	5.7	5.7	2	J
18	368	8.5	138	J	9.9	9	126	-5.7	6.5	4.6	2	J
19	372	8.0	108	J	9.4	5	115	-3.9	7.0	4.5	2	J
20	357	5.8	85	J	9.7	16	122	-4.8	5.4	6.1	2	J
21	340	4.5	107	J	9.5	0	110	-3.0	7.1	4.3	3	J
22	343	4.6	62	J	9.1	2	131	-5.7	5.4	3.8	3	J
23					9.5	0	114	-3.6	6.7	4.4	4	J
24												

APR. 13, 1992 (104)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4	406	6.4	102	J	11.7	-2	99	-1.8	10.3	4.3	3	J
5	407	5.7	69	J	11.9	-14	100	-2.0	11.4	1.5	2	J
6	420	4.3	85	J	11.2	-3	116	-4.7	9.4	2.6	3	J
7	426	5.2	75	J	11.7	-25	78	2.1	11.0	-1.8	2	J
8	392	4.8	57	J	11.5	-13	118	-4.9	9.5	-0.2	4	J
9												
10	380	5.2	79	J	11.8	5	124	-6.1	8.7	2.6	5	J
11					11.4	-15	115	-4.4	9.8	-1.1	4	J
12	407	5.7	109	J	11.1	-35	107	-2.6	9.4	-4.6	2	J
13	397	6.2	129	J	11.3	-16	110	-3.4	9.7	-1.0	5	J
14	375	5.9	119	J	11.0	15	123	-5.5	7.7	4.5	3	J
15	377	5.9	98	J	10.8	25	123	-5.0	6.4	6.2	4	J
16	373	5.9	70	J	10.1	27	139	-6.7	4.1	6.0	2	J
17	385	6.3	84	J	9.8	36	130	-5.0	3.6	7.4	2	J
18	382	6.1	67	J	10.0	23	123	-4.9	5.3	6.5	2	J
19	391	6.2	74	J	10.0	20	119	-4.1	5.2	6.1	4	J
20	392	6.8	78	J	9.5	54	200	-4.8	-4.9	5.2	4	J
21	376	8.9	75	J	8.5	39	145	-4.8	0.4	5.8	4	J
22	372	12.2	99	J	8.1	16	180	-7.4	-1.1	1.8	3	J
23	372	12.4	91	J	7.9	9	146	-6.1	2.8	3.2	2	J
24	385	11.8	59	J	7.7	-5	116	-3.1	5.8	2.9	3	J

92-04-14 - 92-04-25

APR. 14, 1992 (105)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	391	12.0	61	J	7.1	-8	92	-0.2	6.0	2.6	3	J	
2	392	11.0	46	J	7.7	-7	79	1.4	6.7	2.8	2	J	
3													
4													
5													
6													
7	375	8.4	71	J	6.5	-16	121	-2.7	4.8	-0.2	4	J	
8	365	8.9	86	J	6.3	-2	126	-3.3	4.4	0.9	3	J	
9	382	8.5	41	J	6.8	2	91	-0.1	6.4	1.5	2	J	
10	388	7.3	42	J	7.2	-8	87	0.3	6.6	0.3	3	J	
11	379	7.4	44	J	6.9	4	105	-1.7	6.0	1.5	3	J	
12	391	7.1	37	J	7.1	13	86	0.4	6.1	2.6	3	J	
13	379	6.1	33	J	6.9	0	111	-2.4	6.2	1.2	1	J	
14	373	6.3	36	J	6.9	14	112	-2.5	5.6	2.9	1	J	
15	366	5.8	42	J	6.6	27	126	-3.1	3.5	3.7	3	J	
16	347	5.6	50	J	6.5	-16	152	-5.1	3.1	-0.8	3	J	
17	332	4.9	23	J	7.7	-18	165	-6.7	2.5	-1.5	2	J	
18	330	4.9	12	J	8.5	-6	177	-8.0	0.7	-0.6	2	J	
19	327	5.1	18	J	8.7	21	167	-7.6	0.2	3.5	2	J	
20	332	5.1	22	J	8.6	31	169	-7.1	-0.9	4.4	2	J	
21	401	9.7	47	J	12.1	29	127	-5.1	3.3	7.5	8	J	
22	423	9.5	31	J	15.9	53	115	-3.9	0.5	14.8	4	J	
23	432	10.1	114	J	15.4	43	117	-4.8	2.6	13.4	5	J	
24	451	11.7	305	J	12.9	-11	126	-5.3	7.1	2.4	9	J	

APR. 15, 1992 (106)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	497	11.1	274	J	12.6	2	307	4.5	-5.3	-2.9	10	J	
2	490	10.5	247	J	13.0	59	295	2.8	-10.7	6.7	2	J	
3	487	11.9	182	J	13.0	81	25	1.8	-4.9	11.4	4	J	
4	470	10.6	113	J	13.6	58	97	-0.8	1.6	12.3	6	J	
5	449	16.3	122	J	10.9	38	84	0.9	5.4	9.3	1	J	
6	446	12.7	134	J	11.3	37	95	-0.8	6.3	9.2	2	J	
7	455	10.2	120	J	12.0	39	103	-2.1	6.6	9.7	1	J	
8	446	5.5	129	J	11.7	24	97	-1.3	9.2	7.1	1	J	
9	449	6.7	124	J	11.0	15	96	-1.1	9.7	4.8	1	J	
10	447	5.1	88	J	13.6	-3	101	-2.5	12.9	1.6	6	J	
11	457	8.3	116	J	9.9	7	86	0.6	8.4	2.5	5	J	
12	449	12.6	134	J	7.2	3	72	2.1	6.4	1.4	2	J	
13	439	10.0	125	J	8.6	5	85	0.7	7.9	2.2	3	J	
14	443	7.7	83	J	9.4	6	78	1.9	8.6	2.9	1	J	
15	433	8.8	86	J	7.7	16	75	1.8	5.9	3.6	3	J	
16	468	6.4	51	J	8.4	39	33	5.1	1.7	5.7	3	J	
17													
18													
19													
20													
21													
22													
23													
24													

APR. 20, 1992 (111)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14					10.1	-40	152	-5.9	4.2	-4.9	5	J	
15					9.6	14	32	5.8	3.1	2.5	6	J	
16													
17													
18													
19													
20													
21													
22													
23													
24													

APR. 21, 1992 (112)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16	369	9.7	121	J	6.2	-22	35	4.3	3.4	-1.2	3	J	
17	368	10.3	113	J	6.6	-4	28	5.7	3.0	0.6	1	J	
18	370	10.4	111	J	6.8	8	6	6.3	0.3	1.1	1	J	
19	367	10.8	107	J	6.5	9	360	6.3	-0.4	0.9	1	J	
20	366	10.7	98	J	6.5	7	355	6.3	-0.9	0.4	1	J	
21	367	10.5	86	J	6.6	4	358	6.5	-0.4	0.3	1	J	
22	365	10.3	91	J	6.7	4	346	6.4	-1.6	-0.4	1	J	
23	362	11.3	69	J	8.2	7	355	8.0	-1.1	0.5	1	J	
24	364	11.5	56	J	9.0	-5	13	8.4	2.1	0.4	2	J	

APR. 22, 1992 (113)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	369	11.1	55	J	9.2	-13	328	7.0	-2.8	-3.8	4	J	
2	376	11.2	55	J	9.3	-3	299	4.4	-6.7	-4.1	2	J	
3	373	9.4	52	J	8.8	-19	312	4.7	-3.6	-4.4	5	J	
4	383	8.6	56	J	9.2	-27	291	2.8	-5.1	-6.5	3	J	
5	392	7.9	56	J	9.3	5	276	0.9	-8.6	-2.3	2	J	
6	385	7.5	53	J	9.5	2	280	1.6	-8.7	-2.3	3	J	
7					10.2	-2	281	1.8	-9.1	-2.7	3	J	
8													
9													
10													
11													
12													
13	379	6.0	29	J	9.0	-4	296	3.8	-7.6	-1.8	2	J	
14	382	5.9	35	J	9.0	-17	295	3.6	-7.0	-4.0	2	J	
15	416	6.6	40	J	8.6	-8	292	2.9	-6.8	-2.7	3	J	
16	388	6.8	45	J	8.6	-5	301	4.2	-6.5	-2.6	3	J	
17	373	6.6	39	J	8.4	-1	318	5.9	-4.9	-1.9	3	J	
18	383	6.6	45	J	8.6	16	313	5.4	-6.2	-0.1	2	J	
19	382	6.4	35	J	8.2	20	319	5.5	-5.4	0.3	3	J	
20	389	6.9	58	J	8.0	-4	311	4.8	-4.7	-3.1	3	J	
21	372	6.7	48	J	7.9	-17	326	5.9	-2.4	-3.9	3	J	
22	392	6.6	56	J	7.8	3	309	4.4	-4.8	-2.5	3	J	
23													
24	369	6.1	31	J	7.9	12	355	7.2	-1.3	1.0	3	J	

APR. 23, 1992 (114)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	370	6.7	34	J	8.0	5	334	6.4	-3.0	-1.0	3	J	
2	367	6.4	23	J	8.4	8	346	7.7	-2.2	0.1	2	J	
3	369	6.3	29	J	8.4	19	13	7.5	0.4	3.1	2	J	
4	372	6.5	45	J	8.2	26	6	6.8	-0.6	3.3	3	J	
5	392	6.2	44	J	8.0	21	47	4.5	3.7	4.0	4	J	
6	369	5.8	24	J	8.0	16	11	7.2	0.7	2.4	2	J	
7	365	5.9	24	J	8.1	7	19	7.5	2.3	1.6	1	J	
8													
9	372	6.4	43	J	7.9	19	27	6.3	2.8	3.0	2	J	
10	374	6.6	50	J	7.8	18	32	6.0	3.4	2.8	2	J	
11	362	6.4	37	J	7.6	17	10	7.0	0.9	2.3	1	J	
12	367	6.7	40	J	7.6	12	19	6.8	2.1	1.8	2	J	
13	363	6.6	36	J	7.6	20	7	6.9	0.4	2.6	2	J	
14	376	6.9	46	J	7.6	-5	320	4.7	-3.7	-1.2	5	J	
15	373	6.7	52	J	7.5	-12	349	5.7	-0.8	-1.4	5	J	
16	362	6.4	47	J	7.7	-20	326	5.7	-3.0	-3.5	3	J	
17	378	6.9	55	J	7.7	-40	337	4.9	-0.5	-4.9	3	J	
18	385	7.0	42	J	7.9	-7	311	4.2	-4.1	-2.5	5	J	
19	368	6.3	31	J	8.3	27	329	6.1	-4.9	1.7	2	J	
20	372	6.5	28	J	8.5	25	323	5.8	-5.4	1.0	3	J	
21	360	6.5	37	J	8.1	5	330	6.4	-3.5	-1.3	3	J	
22	392	7.3	32	J	8.3	-12	288	2.2	-5.1	-4.8	4	J	
23	389	7.3	32	J	8.6	20	290	2.6	-7.5	-1.3	3	J	
24	388	7.3	31	J	8.7	50	310	2.8	-5.5	2.7	5	J	

APR. 24, 1992 (115)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	384	7.7	27	J	9.1	18	296	3.3	-7.1	-1.2	4	J	
2	389	8.3	23	J	9.6	-21	279	1.3	-5.9	-6.8	3	J	
3	393	8.6	22	J	9.5	-39	272	0.2	-4.0	-8.3	2	J	
4	400	8.6	22	J	9.6	-32	256	-1.9	-5.1	-7.4	3	J	
5	378	8.4	30	J	9.5	-1	292	3.0	-6.9	-2.6	5	J	
6	367	7.9	37	J	9.7	25	328	6.8	-5.2	2.4	4	J	
7	366	8.3	39	J	9.8	29	324	6.9	-6.0	3.4	2	J	
8	374	7.9	33	J	9.2	17	308	4.7	-6.3	1.1	5	J	
9	357	8.9	31	J	8.7	-4	311	5.3	-5.9	-1.6	3	J	
10	361	8.4	21	J	8.5	-22	298	3.6	-6.2	-4.0	2	J	
11	355	8.1	38	J	8.7	25	332	6.2	-3.7	2.8	4	J	
12	357	8.9	43	J	9.0	-7	320	6.2	-5.0	-1.7	4	J	
13	351	9.1	43	J	9.2	15	342	8.2	-3.0	1.9	2	J	
14	349	8.5	41	J	9.1	28	10	7.7	0.6	4.4	2	J	
15	384	8.4	37	J	8.4	-34	270	0.0	-2.6	-2.8	8	J	
16	390	9.3	42	J	8.1	-23	275	0.6	-5.9	-4.7	3	J	
17	366	9.0	59	J	7.9	-9	307	4.3	-5.1	-2.9	3	J	
18	350	9.1	69	J	7.9	-22	335	6.1	-1.6	-3.6	3	J	
19	365	8.5	41	J	8.4	-18	311	4.9	-4.1	-4.6	3	J	
20	344	8.0	47	J	8.3	4	339	7.5	-2.8	-0.8	2	J	
21	358	7.9	46	J	8.2	30	339	6.1	-3.9	2.1	3	J	
22	369	7.8	47	J	8.1	23	323	5.6	-5.1	0.4	3	J	
23	352	7.4	41	J	7.8	10	350	7.4	-1.8	0.5	2	J	
24	358	7.8	55	J	7.9	15	332	6.1	-3.7	-0.1	3	J	

APR. 25, 1992 (116)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	357	7.5	54	J	7.5	-11	334	5.7	-1.8	-2.5	4	J	
2	378	8.0	47	J	7.7	-42	308	3.0	-1.4	-5.6	4	J	
3													
4													
5													
6													
7					7.9	-8	304	4.0	-5.6	-2.4	3	J	
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18					7.8	6	343	6.9	-2.3	-0.1	3	J	
19	333	6.1	14	J	7.9	10	352	7.5	-1.5	0.8	1	J	
20	338	7.1	20	J	8.2	10	314	4.9	-5.0	-1.2	4	J	
21	350	7.2	21	J	8.1	0	290	2.7	-6.4	-3.6	2	J	
22	335	7.1	17	J	7.8	0	304	4.3	-5.5	-3.2	1	J	
23	334	7.0	18	J	7.9	3	316	5.5	-4.8	-2.4	2	J	
24	361	5.2	57	J	7.6	1	308	4.4	-5.0	-2.8	2	J	

92-04-26 - 92-05-07

APR. 26, 1992 (117)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2												
3												
4												
5												
6	355	5.0	58	J	7.9	11	311	5.0	-5.9	-0.2	2	J
7	358	5.3	67	J	7.7	-8	312	4.6	-4.8	-2.1	3	J
8	343	4.8	39	J	7.8	7	329	6.3	-3.9	0.2	2	J
9	342	5.0	40	J	8.0	20	331	6.3	-3.9	2.1	2	J
10	348	5.3	48	J	7.9	-13	320	5.7	-4.5	-2.4	2	J
11	348	5.2	40	J	8.1	6	318	5.7	-5.2	0.2	3	J
12	356	5.6	40	J	8.2	16	318	5.4	-5.1	1.5	3	J
13	350	6.0	41	J	8.2	15	321	6.0	-5.1	1.4	2	J
14	355	5.8	29	J	8.3	12	314	5.5	-5.9	0.7	2	J
15	352	6.2	28	J	8.5	17	315	5.5	-5.9	1.2	2	J
16	350	6.5	26	J	8.4	16	316	5.7	-5.9	0.7	2	J
17	352	6.8	26	J	8.4	18	313	5.4	-6.3	0.6	1	J
18	343	6.9	32	J	8.5	11	316	5.9	-5.9	-0.6	1	J
19	340	7.3	25	J	8.8	-55	310	3.1	-0.5	-7.7	3	J
20	342	6.8	34	J	9.0	-28	318	4.7	-2.2	-4.9	6	J
21	344	7.0	24	J	9.1	28	321	6.2	-6.4	1.3	2	J
22	346	7.3	21	J	9.0	31	322	6.0	-6.4	1.6	1	J
23												
24	337	7.5	20	J	8.8	8	321	6.8	-5.4	-1.7	1	J

APR. 27, 1992 (118)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	348	8.3	31	J	8.3	16	317	5.4	-5.4	-0.6	3	J
2	333	7.9	14	J	9.1	20	343	8.0	-3.6	1.6	2	J
3	324	7.4	13	J	9.1	9	343	8.5	-2.9	0.2	1	J
4	322	6.8	14	J	8.5	11	341	7.9	-3.1	0.5	1	J
5												
6	310	7.3	15	J	8.4	-15	320	6.1	-4.4	-3.5	1	J
7	311	6.5	19	J	8.2	3	337	7.2	-3.1	-0.3	2	J
8	313	6.9	23	J	7.7	-2	337	7.0	-2.9	-0.8	1	J
9	312	6.9	28	J	7.5	5	343	7.1	-2.3	0.3	1	J
10	307	6.9	32	J	7.5	1	343	7.2	-2.2	-0.2	1	J
11	299	7.1	33	J	7.5	-12	351	7.2	-1.0	-1.7	1	J
12	296	6.8	17	J	7.2	-17	351	6.8	-0.8	-2.2	1	J
13	302	6.0	12	J	7.2	-17	338	6.2	-2.2	-2.4	2	J
14	315	7.2	21	J	7.1	-48	360	4.6	0.9	-5.1	2	J
15	320	8.1	23	J	7.3	-25	324	4.8	-2.8	-3.4	3	J
16	324	9.0	19	J	7.2	0	311	4.1	-4.5	-1.2	4	J
17	329	9.6	16	J	7.1	-8	292	2.5	-5.6	-2.8	2	J
18	333	9.3	7	J	7.3	-16	285	1.8	-5.5	-4.3	1	J
19	331	12.2	13	J	6.3	-10	269	-0.1	-4.9	-3.3	2	J
20	323	8.9	13	J	7.0	-3	316	4.7	-3.9	-2.4	2	J
21	316	7.5	8	J	7.3	-3	315	5.2	-4.3	-2.8	1	J
22	315	8.1	8	J	7.0	-8	313	4.7	-3.8	-3.3	1	J
23	311	8.7	10	J	6.9	-7	317	4.9	-3.6	-3.0	1	J
24	299	9.6	16	J								

APR. 28, 1992 (119)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2												
3												
4	303	14.5	14	J								
5	306	14.1	14	J								
6	318	17.5	18	J								
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

MAY. 3, 1992 (124)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	413	8.1	33	J	8.8	-9	138	-5.9	5.5	-0.5	3	J
15	417	9.4	36	J	8.6	-20	139	-4.3	4.0	-1.3	6	J
16												
17												
18												
19												
20												
21												
22												
23												
24												

MAY. 4, 1992 (125)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	405	9.5	14	J	10.6	-1	247	-4.1	-9.5	-1.2	2	J
14	408	10.3	19	J	10.0	-9	257	-2.2	-9.1	-2.8	2	J
15	402	10.6	17	J	10.2	-6	244	-4.4	-8.7	-2.6	1	J
16												
17												
18					11.2	23	169	-10.0	0.4	4.7	1	J
19					11.4	26	160	-9.3	1.2	5.8	3	J
20	355	7.5	26	J	11.1	29	168	-9.3	-0.5	5.6	2	J
21	354	5.3	13	J	12.0	26	174	-10.6	-1.4	5.2	1	J
22	346	5.7	24	J	11.2	19	180	-10.4	-1.7	3.2	2	J
23	357	5.9	32	J	10.5	22	189	-9.4	-3.2	2.7	2	J
24												

MAY. 5, 1992 (126)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11	414	8.4	51	J	9.2	16	97	-1.1	8.5	3.2	2	J
12	425	8.4	46	J	9.4	-8	81	1.4	9.1	-0.5	2	J
13	425	7.8	43	J	10.3	-10	78	2.1	9.9	-0.8	2	J
14	416	8.1	43	J	10.5	6	94	-0.7	9.7	2.3	3	J
15	396	7.3	33	J	10.6	18	113	-3.9	8.4	4.7	2	J
16	393	7.6	31	J	10.6	13	117	-4.6	8.2	4.2	3	J
17	386	7.1	24	J	10.6	11	116	-4.3	8.0	4.3	3	J
18	386	7.0	22	J	10.3	25	128	-5.7	5.5	6.6	1	J
19	387	9.6	20	J	9.7	30	132	-5.6	3.9	6.9	1	J
20	386	7.8	16	J	10.2	25	131	-6.0	4.4	6.8	1	J
21	388	9.4	19	J	9.4	39	156	-6.6	0.0	6.5	1	J
22	387	10.8	15	J	9.2	40	149	-5.6	0.4	6.5	3	J
23	394	8.4	20	J	8.9	44	153	-5.5	-0.4	6.6	2	J
24	425	8.5	35	J	9.0	28	125	-4.6	3.8	6.8	1	J

MAY. 6, 1992 (127)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	438	8.7	19	J	9.0	33	132	-5.0	2.8	6.8	1	J
2												
3												
4												
5												
6					7.4	18	120	-3.5	5.3	3.6	1	J
7	413	11.8	82	J	7.4	24	120	-3.4	5.2	4.1	1	J
8	398	6.6	5	J	7.3	23	118	-3.1	5.4	3.6	1	J
9	383	6.5	16	J	7.5	-13	139	-4.9	4.4	-1.0	3	J
10	366	7.9	16	J	7.6	4	148	-6.2	3.8	0.8	2	J
11	362	7.5	9	J	8.0	17	145	-6.2	4.1	2.6	1	J
12	364	6.1	6	J	8.2	11	142	-6.3	4.8	1.9	1	J
13	374	9.1	18	J	9.2	6	138	-6.7	5.9	1.5	2	J
14	373	9.1	26	J	9.9	13	138	-7.0	6.0	2.9	2	J
15	366	8.3	11	J	9.8	26	149	-7.5	3.7	4.9	1	J
16	384	6.8	14	J	9.8	24	126	-5.0	5.9	5.2	3	J
17	392	7.8	13	J	9.5	25	113	-3.3	6.5	6.0	1	J
18	390	7.0	12	J	9.3	41	115	-2.9	3.9	7.7	2	J
19	402	9.1	12	J	8.9	64	79	0.7	0.5	8.7	2	J
20	398	12.5	15	J	8.8	68	330	2.8	-4.8	6.5	2	J
21					10.2	61	31	4.2	-1.7	9.1	0	J
22	417	14.5	22	J	10.0	48	47	4.4	0.8	8.6	2	J
23	414	12.2	36	J	11.2	9	60	5.2	7.2	5.7	4	J
24	418	6.5	18	J	11.9	-19	70	3.7	10.7	1.4	3	J

MAY. 7, 1992 (128)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	416	7.5	24	J	11.9	15	67	4.2	7.6	7.0	4	J
2	400	5.9	13	J	11.8	53	71	2.3	2.2	11.2	2	J
3												
4												
5												
6					8.9	55	53	3.0	2.2	7.8	2	J
7	396	19.9	12	J	7.1	39	80	0.9	4.3	5.1	2	J
8	390	18.3	14	J	7.0	46	85	0.4	3.8	5.3	3	J
9	400	24.2	20	J	5.5	50	123	-1.8	2.3	4.1	2	J
10					8.1	41	115	-2.6	5.0	5.7	1	J
11	396	23.4	17	J	8.6	38	118	-2.9	5.1	5.2	3	J
12	404	21.4	12	J	9.8	-3	84	1.0	9.5	0.2	2	J
13	403	19.1	15	J	11.2	-6	84	1.1	10.9	-0.2	2	J
14	383	17.4	66	J	12.2	11	89	0.2	11.5	3.7	2	J
15	408	7.0	13	J	12.8	-6	93	-0.7	12.6	0.7	2	J
16	406	6.0	11	J	13.4	-18	103	-2.8	12.5	-1.4	4	J
17	400	6.2	12	J	13.5	-33	109	-3.2	10.6	-3.6	7	J
18	397	6.0	6	J	13.7	-45	128	-5.9	10.3	-6.6	2	J
19	399	6.5	6	J	13.7	-37	128	-6.6	10.8	-4.3	3	J
20					13.5	-46	132	-6.2	10.3	-5.9	1	J
21					13.5	-47	140	-7.1	9.7	-6.2	1	J
22					13.2	-50	137	-6.2	9.8	-6.3	1	J
23					12.9	-54	142	-6.0	9.0	-7.1	1	J
24					12.8	-59	143	-5.3	8.6	-7.9	1	J

92-05-08 - 92-05-20

MAY. 8, 1992 (129)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	371	20.0	222	J	12.5	-56	148	-5.9	7.9	-7.7	1	J
2	337	13.7	25	J	12.3	-52	147	-6.3	7.7	-7.1	1	J
3												
4												
5	351	12.9	14	J	10.5	-61	155	-4.5	4.5	-8.1	2	J
6	361	13.9	11	J	11.9	-60	154	-5.2	4.7	-9.2	3	J
7	352	26.1	14	J	8.9	-63	184	-3.8	1.1	-7.5	3	J
8	349	22.4	12	J	9.3	-62	183	-4.2	0.8	-7.9	3	J
9	348	20.0	10	J	10.4	-57	191	-5.5	-0.2	-8.7	1	J
10	346	20.6	13	J	9.4	-62	209	-3.8	-1.5	-8.3	1	J
11					12.0	-53	243	-3.2	-5.7	-9.8	2	J
12	348	13.0	12	J	11.5	-47	255	-2.0	-7.0	-8.9	1	J
13	347	14.0	15	J	11.2	-46	256	-1.9	-6.9	-8.7	1	J
14	356	29.7	21	J	10.6	-43	262	-1.1	-6.7	-7.9	2	J
15	358	33.0	28	J	8.2	-66	245	-0.6	-0.8	-3.6	8	J
16	361	38.4	25	J	6.4	49	112	-1.5	2.7	5.3	2	J
17												
18	353	23.1	41	J	10.5	-27	307	5.5	-5.5	-6.8	2	J
19	342	21.2	39	J	10.5	-26	318	6.5	-3.8	-6.1	4	J
20	339	20.9	39	J	9.7	-51	353	4.7	1.9	-5.6	6	J
21	341	21.1	38	J	7.4	-44	3	4.3	2.0	-3.6	4	J
22	336	22.1	31	J	6.4	-24	301	2.6	-2.8	-4.0	3	J
23	337	20.9	27	J	5.6	9	278	0.7	-4.5	-1.5	3	J
24	330	19.4	28	J	5.0	-40	307	2.2	-1.2	-4.0	2	J

MAY. 9, 1992 (130)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	334	18.6	26	J	5.1	-16	295	1.8	-2.9	-2.8	3	J
2	336	18.3	15	J	6.7	-10	291	2.3	-4.9	-3.4	2	J
3	330	18.6	22	J	6.7	1	303	3.5	-5.0	-1.9	2	J
4												
5	318	16.3	16	J	6.4	-18	309	3.8	-4.0	-3.2	1	J
6	321	18.5	18	J	5.9	-8	316	4.2	-3.8	-1.7	1	J
7	325	19.4	19	J	5.2	9	308	2.9	-3.7	0.1	2	J
8	326	20.8	21	J	5.3	19	316	3.3	-3.4	1.2	2	J
9	325	22.2	21	J	5.2	-14	312	3.2	-3.4	-1.5	2	J
10	334	24.3	27	J	5.6	-35	283	0.8	-3.5	-2.9	3	J
11	339	24.7	33	J	8.6	-52	284	1.2	-4.5	-6.7	3	J
12	348	21.7	43	J	9.2	-62	120	-1.9	3.8	-7.0	4	J
13	353	24.5	54	J	6.9	-31	140	-3.8	3.4	-2.7	5	J
14	372	28.9	51	J	5.9	12	110	-1.1	2.9	1.0	5	J
15	380	32.2	30	J	8.7	-63	142	-2.6	3.0	-6.2	5	J
16	380	28.5	27	J								
17	414	44.4	70	J								
18	410	6.3	95	J								
19	398	22.5	171	J								
20	449	20.3	178	J								
21	652	41.8	1567	J								
22	648	25.4	2372	J								
23	650	16.1	3650	J								
24	887	8.6	3434	J								

MAY. 15, 1992 (136)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	360	4.3	41	J	5.7	-12	66	2.0	4.5	-0.7	3	J
15	381	4.2	37	J	5.6	-13	129	-3.2	4.1	-0.7	2	J
16	365	4.3	70	J	4.7	-7	153	-3.4	1.8	-0.2	3	J
17					4.5	-28	179	-3.7	0.5	-1.9	1	J
18	360	4.3	56	J	4.8	-19	157	-3.3	1.7	-0.8	3	J
19	370	4.7	45	J	5.7	9	153	-4.2	1.8	1.4	3	J
20	370	3.9	37	J	5.4	-38	172	-3.6	1.5	-2.4	3	J
21	351	3.9	32	J	6.0	-39	174	-4.1	1.8	-2.9	3	J
22	362	4.9	46	J	5.9	14	144	-4.1	2.1	2.4	3	J
23	370	5.2	39	J	5.9	44	122	-2.1	1.4	5.0	2	J
24	361	4.8	35	J	5.4	33	129	-2.7	1.9	4.0	1	J

MAY. 16, 1992 (137)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	332	5.5	11	J	5.7	18	130	-3.4	3.9	1.8	1	J
14	339	6.9	22	J	5.6	18	128	-3.0	3.7	1.8	2	J
15	329	6.5	19	J	5.6	19	161	-4.8	1.5	1.9	1	J
16												
17												
18												
19												
20												
21												
22												
23												
24												

MAY. 17, 1992 (138)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	308	10.3	10	J	4.9	50	4	3.1	0.1	3.7	0	J
11	312	10.3	9	J	5.0	39	85	0.2	2.5	2.1	4	J
12	313	10.2	7	J	4.7	9	83	0.4	3.6	0.6	3	J
13	313	10.4	8	J	4.3	36	92	-0.1	2.8	2.2	3	J
14	312	10.8	10	J	4.1	46	121	-1.4	2.2	3.0	1	J
15	313	12.2	13	J	4.1	56	145	-1.7	0.9	3.3	2	J
16	312	12.8	16	J	3.8	16	164	-3.0	0.7	1.0	2	J
17	319	15.4	13	J	3.9	16	129	-1.8	2.0	1.3	3	J
18												
19												
20												
21												
22												
23												
24												

MAY. 18, 1992 (139)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6	338	9.8	17	J	7.0	-8	296	3.0	-5.9	-2.0	1	J
7	329	9.9	35	J	6.9	14	318	4.7	-4.4	1.0	2	J
8	335	9.4	24	J	7.4	-6	304	3.8	-5.5	-1.1	3	J
9	342	9.4	19	J	7.5	-8	285	1.8	-6.8	-1.3	2	J
10	336	9.3	17	J	7.3	-24	297	3.0	-5.8	-3.0	2	J
11	338	9.6	18	J	7.4	-26	289	2.1	-6.1	-3.2	2	J
12	335	9.2	16	J	7.3	-22	298	3.1	-5.8	-2.7	1	J
13	331	10.1	17	J	6.8	-14	354	6.4	-0.6	-1.6	2	J
14	328	10.3	19	J	6.8	-6	308	3.7	-4.7	-0.9	3	J
15	330	10.7	25	J	6.5	28	305	2.3	-3.5	1.8	5	J
16	340	10.9	19	J	8.3	73	24	2.1	-0.2	7.5	3	J
17	321	12.2	21	J	7.5	-20	312	4.5	-4.4	-3.5	2	J
18												
19	322	11.6	49	J	6.8	15	120	-3.1	4.5	3.3	2	J
20	318	10.6	41	J	6.7	5	8	4.0	0.4	0.5	5	J
21	365	21.8	63	J	13.4	-20	307	6.5	-6.4	-7.0	8	J
22	346	22.3	69	J	16.0	-18	339	12.9	-2.7	-6.1	7	J
23	354	26.1	93	J	13.3	-9	325	10.1	-5.6	-4.7	5	J
24	348	26.4	89	J	10.7	11	330	8.2	-5.0	-0.2	5	J

MAY. 19, 1992 (140)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	349	24.7	42	J	11.3	6	300	5.1	-8.6	-2.4	5	J
2	339	22.0	29	J	11.6	-13	301	5.8	-8.1	-5.8	2	J
3												
4												
5	328	15.9	70	J	10.9	4	48	7.1	7.5	2.4	3	J
6	328	16.6	75	J	10.5	11	115	-3.5	7.1	2.8	6	J
7	325	13.7	86	J	9.9	18	350	8.2	-1.8	2.5	5	J
8	324	15.1	111	J	8.7	-1	8	8.4	1.2	-0.1	2	J
9	320	12.7	85	J	7.6	-7	360	7.4	0.0	-0.9	1	J
10	314	12.2	48	J	8.3	-15	5	8.0	0.7	-2.1	1	J
11	313	12.2	49	J	8.3	-25	288	2.2	-6.9	-3.4	2	J
12	313	12.3	54	J	8.0	-20	334	6.8	-3.3	-2.7	1	J
13	321	11.7	31	J	7.2	-37	301	2.9	-4.8	-4.4	1	J
14	317	10.3	32	J	8.0	-32	312	4.5	-4.8	-4.5	1	J
15	322	11.9	29	J	7.7	-62	342	3.0	-0.4	-6.1	4	J
16	331	11.0	24	J	8.2	-70	37	2.0	2.5	-6.6	4	J
17	336	11.1	35	J	8.6	-50	352	4.5	0.5	-5.5	5	J
18	353	10.6	56	J	9.4	-52	18	5.3	3.5	-6.4	3	J
19	362	10.8	47	J	9.2	-22	286	2.1	-5.9	-5.1	4	J
20	355	12.1	73	J	8.8	13	312	4.3	-5.0	-0.3	6	J
21	353	10.6	62	J	9.8	20	321	6.3	-5.8	0.7	5	J
22	357	11.1	43	J	10.3	34	329	6.4	-5.6	3.0	5	J
23	369	9.0	27	J	11.3	32	310	6.0	-8.9	2.4	3	J
24	371	11.2	49	J	10.9	24	334	8.0	-5.1	2.1	5	J

MAY. 20, 1992 (141)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	384	11.3	46	J	10.2	3	284	2.3	-8.8	-3.1	3	J
2	385	11.9	58	J	9.9	30	298	3.6	-7.9	1.8	4	J
3												
4	358	9.3	31	J	10.7	32	310	5.8	-8.1	3.6	1	J
5	385	8.9	41	J	10.3	28	291	3.2	-9.0	2.9	3	J
6	376	8.2	37	J	10.0	25	304	4.9	-7.8	2.9	3	J
7	388	8.4	48	J	9.5	29	302	4.2	-7.1	3.6	3	J
8	393	9.5	48	J	8.6	38	332	5.8	-3.4	5.0	2	J
9	398	9.4	58	J	7.6	12	325	5.7	-4.0	1.4	3	J
10	402	9.7	47	J	7.5	14	323	5.6	-4.2	1.7	2	J
11	400	9.8	45	J	7.5	10	324	5.8	-4.2	1.3	1	J
12	412	9.2	55	J	6.2	-47	282	0.8	-3.6	-3.9	3	J
13	416	9.1	46	J	6.8	-4	291	2.1	-5.6	-0.5	3	J
14	420	8.9	47	J	7.0	9	290	1.9	-5.2	0.7	4	J
15	410	7.6	32	J	7.4	4	301	3.6	-6.0	0.0	2	J
16	395	7.4	37	J	7.1	10	346	6.1	-1.7	0.9	3	J
17	394	7.4	35	J	7.6	8	325	6.0	-4.3	0.2	2	J
18	398	7.0	37	J	7.4	9	316	4.6	-4.6	-0.2	4	J
19	392	6.9	61	J	7.2	12	329	4.8	-3.1	0.2	4	J
20	397	6.7	55	J	7.3	4	311	4.4	-4.9	-1.3	3	J
21	393	7.6	61	J	7.3	8	322	4.3	-3.4	-0.6	5	J
22	385	6.6	39	J	7.4	14	318	4.1	-3.9	-0.2	5	J
23	396	7.2	31	J	7.6	6	285	1.7	-6.0	-1.9	4	J
24	359	8.3	41	J	7.1	14	3	6.2	-0.3	1.6	3	J

92-05-21 - 92-06-02

MAY. 21, 1992 (142)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	353	8.9	78	J	6.9	7	2	6.5	-0.1	0.8	2	J	
2	357	8.3	58	J	6.5	12	358	5.7	-0.6	1.1	3	J	
3	360	9.1	45	J	6.9	5	33	5.4	3.2	1.6	2	J	
4													
5	336	10.0	153	J	6.1	2	342	5.6	-1.8	-0.2	1	J	
6	338	7.9	73	J	6.0	11	4	5.6	0.2	1.1	2	J	
7	336	8.0	34	J	6.5	-6	332	5.5	-2.9	-1.0	2	J	
8	331	8.1	32	J	6.1	-10	356	5.6	-0.3	-1.0	2	J	
9	354	7.8	19	J	6.4	2	298	2.2	-4.1	0.1	5	J	
10	357	8.3	43	J	5.9	-28	306	2.8	-3.8	-2.5	3	J	
11	342	8.2	51	J	6.0	-12	322	4.4	-3.4	-1.1	2	J	
12	337	7.4	19	J	6.3	2	329	5.1	-3.0	0.2	2	J	
13	332	8.4	33	J	6.2	24	351	5.1	-0.8	2.3	2	J	
14	330	8.0	18	J	6.5	27	13	5.4	1.1	2.9	2	J	
15	326	7.5	19	J	6.4	17	356	5.8	-0.5	1.7	2	J	
16	331	8.2	22	J	6.5	23	20	5.1	1.5	2.5	2	J	
17	332	8.1	22	J	6.0	-22	10	4.1	1.0	-1.5	4	J	
18	341	8.5	23	J	6.1	12	305	2.7	-4.0	0.0	4	J	
19	338	7.7	17	J	5.8	17	301	2.4	-4.3	0.2	3	J	
20	332	7.9	17	J	5.9	-18	322	3.6	-2.1	-2.4	3	J	
21	350	8.7	18	J	6.5	-38	277	0.6	-2.9	-5.1	3	J	
22	343	8.8	19	J	6.4	6	294	2.3	-4.9	-1.5	3	J	
23	347	8.2	17	J	6.7	-23	284	1.2	-3.7	-4.0	4	J	
24	347	8.2	19	J	5.9	-3	301	2.0	-2.9	-1.4	4	J	

MAY. 22, 1992 (143)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	352	9.0	22	J	6.1	-19	288	1.6	-4.0	-3.5	2	J	
2	336	8.5	15	J	6.1	-14	292	1.7	-3.7	-2.5	4	J	
3	357	8.9	18	J	6.4	-20	269	-0.1	-4.4	-3.3	3	J	
4	358	9.6	22	J	6.7	-31	282	1.0	-4.0	-4.1	3	J	
5	399	21.9	62	J	16.2	14	324	10.5	-8.1	1.7	10	J	
6	456	29.2	88	J									
7	455	30.1	90	J									
8	437	29.5	105	J									
9	428	30.1	87	J									
10	421	24.1	120	J									
11	428	28.3	111	J									
12	428	25.2	100	J									
13	433	26.3	93	J									
14	449	28.1	55	J									
15	436	29.4	51	J									
16													
17													
18													
19													
20													
21													
22													
23													
24													

MAY. 28, 1992 (149)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16	539	6.4	255	J	9.0	6	324	6.7	-4.9	0.5	3	J	
17	554	9.4	144	J	9.4	31	117	-3.4	6.0	5.5	3	J	
18	544	8.9	172	J	9.3	35	137	-5.4	3.9	6.1	2	J	
19	554	10.4	134	J	10.2	31	114	-3.4	6.0	6.8	3	J	
20	537	10.1	144	J	10.2	21	129	-5.4	5.4	5.2	4	J	
21	508	10.3	128	J	11.0	15	130	-6.1	6.0	4.9	5	J	
22	503	9.4	135	J	12.1	7	109	-3.6	9.3	5.0	5	J	
23	550	12.3	328	J	8.4	10	127	-3.9	4.4	2.9	5	J	
24	555	12.1	300	J	9.2	16	108	-1.8	4.6	3.5	7	J	

MAY. 29, 1992 (150)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	548	12.0	269	J	9.6	36	115	-2.9	4.3	6.8	4	J	
2													
3													
4													
5													
6													
7													
8													
9													
10	535	7.1	157	J	8.0	42	138	-3.5	3.4	4.0	5	J	
11	534	7.8	162	J	8.3	23	120	-3.3	5.9	2.4	4	J	
12	539	10.8	122	J	9.3	8	108	-2.5	7.9	0.6	4	J	
13	569	12.0	217	J	9.3	-17	87	0.3	4.8	-1.7	8	J	
14	594	8.8	258	J	9.3	-6	92	-0.3	7.9	-1.0	5	J	
15	610	9.1	258	J	8.5	27	115	-2.5	5.3	3.2	5	J	
16	597	7.9	216	J	8.8	31	140	-4.9	3.8	4.1	5	J	
17	613	7.1	298	J	7.5	-29	94	-0.3	4.5	-1.7	6	J	
18	608	5.9	320	J	7.6	54	145	-2.5	0.9	4.4	6	J	
19	615	6.4	255	J	8.5	31	131	-3.5	3.1	4.1	6	J	
20	640	5.0	327	J	7.7	-5	145	-4.2	3.0	0.5	6	J	
21	660	3.9	328	J	7.6	41	159	-4.4	0.2	4.5	4	J	
22	673	4.0	305	J	7.9	14	146	-4.7	2.5	2.5	5	J	
23	686	2.9	164	J	9.4	-2	153	-7.6	3.7	1.1	4	J	
24													

MAY. 30, 1992 (151)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5	768	2.9	286	J	7.7	-1	145	-5.0	3.5	0.4	5	J	
6	817	2.8	363	J	8.1	33	128	-3.6	4.2	4.2	4	J	
7	764	2.7	318	J	7.9	7	155	-5.5	2.5	0.9	5	J	
8	767	2.5	255	J	8.1	6	192	-5.3	-1.1	0.6	6	J	
9	728	2.5	343	J	8.4	22	173	-6.4	0.9	2.6	5	J	
10	732	2.3	288	J	8.4	21	123	-3.9	6.1	2.4	4	J	
11					7.4	2	123	-3.5	5.4	-0.2	4	J	
12	803	1.2	134	J	6.4	-3	104	-1.5	5.9	-0.7	2	J	
13	821	1.3	193	J	5.7	-14	122	-2.2	3.4	-1.2	4	J	
14					5.8	-2	84	0.5	5.1	-0.3	3	J	
15					5.6	15	120	-2.1	3.7	1.2	3	J	
16	768	1.2	154	J	5.7	-30	173	-4.3	0.7	-2.5	3	J	
17					5.4	12	147	-3.6	2.2	1.2	3	J	
18	743	1.4	200	J	5.3	8	137	-2.7	2.4	1.0	4	J	
19	680	1.1	196	J	5.6	-5	141	-4.0	3.3	0.4	2	J	
20													
21													
22													
23													
24													

MAY. 31, 1992 (152)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4					7.3	-32	73	1.7	6.1	-2.5	3	J	
5					7.4	-4	60	3.7	6.4	0.4	1	J	
6					5.9	-19	70	1.7	4.9	-1.3	2	J	
7	616	3.1	160	J	5.3	14	116	-1.7	3.5	1.1	3	J	
8	591	3.7	189	J	5.2	31	158	-3.7	1.5	2.4	2	J	
9	583	3.7	217	J	4.7	22	182	-4.1	-0.1	1.7	2	J	
10	575	3.9	144	J	5.1	4	189	-4.9	-0.8	0.4	1	J	
11	568	3.3	105	J	4.5	9	170	-4.3	0.8	0.6	1	J	
12	567	3.5	82	J	4.8	9	153	-4.0	2.1	0.6	1	J	
13	564	3.7	73	J	5.4	12	150	-4.5	2.7	0.9	1	J	
14	574	3.6	68	J	4.9	14	119	-2.1	3.9	1.0	2	J	
15	565	4.0	78	J	4.6	7	124	-2.4	3.6	0.6	1	J	
16	580	4.1	66	J	5.6	-3	38	4.0	3.1	-0.1	3	J	
17	567	4.8	83	J	5.8	-17	32	4.5	3.0	-1.2	2	J	
18					5.7	8	60	2.6	4.3	1.6	2	J	
19	535	4.3	104	J	5.0	26	71	1.1	2.7	2.3	4	J	
20					4.9	31	161	-3.6	0.5	2.6	2	J	
21					4.8	35	170	-3.3	-0.2	2.4	3	J	
22													
23													
24													

JUN. 1, 1992 (153)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4	520	4.4	61	J	4.0	-43	76	0.6	3.0	-1.9	2	J	
5	520	3.8	54	J	3.6	-45	59	0.8	1.5	-1.4	3	J	
6	526	3.9	52	J	3.9	-34	22	2.0	0.9	-1.4	3	J	
7	519	3.8	37	J	3.8	-33	10	2.9	0.6	-1.9	2	J	
8	518	3.6	48	J	3.6	-37	8	2.8	0.4	-2.1	1	J	
9	513	3.9	47	J	3.2	-24	29	2.1	1.1	-1.1	2	J	
10	501	4.4	46	J	3.8	6	72	1.1	3.4	0.1	1	J	
11	495	4.3	67	J	3.8	-32	68	0.7	1.7	-1.4	3	J	
12	494	4.0	58	J	3.9	-20	54	2.0	2.6	-1.5	2	J	
13	491	4.2	66	J	3.6	-34	41	2.1	1.7	-2.0	2	J	
14	498	3.4	41	J	4.5	-16	48	2.8	3.1	-1.3	1	J	
15	500	3.5	50	J	4.6	-13	31	3.8	2.3	-1.0	1	J	
16	483	3.7	58	J	3.5	6	88	0.1	2.3	0.4	3	J	
17	450	3.9	45	J	3.9	-10	129	-2.0	2.5	-0.3	2	J	
18	452	3.9	38	J	4.1	19	113	-1.2	2.6	1.6	2	J	
19	474	3.9	41	J	4.0	-7	81	0.6	3.5	0.4	2	J	
20	472	3.9	45	J	3.9	11	79	0.7	3.2	1.7	1	J	
21	474	4.0	47	J	3.9	6	63	1.6	2.9	1.3	2	J	
22	455	4.1	40	J	3.9	9	93	-0.2	3.2	1.7	1	J	
23	452	4.1	38	J	3.7	-9	89	0.1	3.1	0.6	2	J	
24	455	3.6	46	J	3.0	-33	77	0.4	1.9	-0.5	2	J	

JUN. 2, 1992 (154)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	457	3.5	44	J	3.1	-64	343	0.5	0.2	-1.2	3	J	
2	452	3.5	28	J	3.2	1	99	-0.4	2.6	0.8	2	J	
3					3.5	-15	88	0.1	3.4	-0.1	1	J	
4													
5	421	3.5	72	J	3.1	26	118	-1.2	2.0	1.5	2	J	
6	433	3.6	66	J	3.4	-43	90	0.0	2.3	-1.8	2	J	
7	420	2.6	44	J	3.2	23	105	-0.7	2.6	1.2	1	J	
8	417	2.6	47	J	2.7	22	108	-0.6	2.0	0.8	2	J	
9					2.0	-46	161	-0.7	0.2	-0.7	2	J	
10	406	2.7	16	J	2.2	-79	230	-0.3	-0.5	-2.0	1	J	
11													
12					2.1	4	126	-1.2	1.7	0.0	0	J	
13					2.2	-5	148	-1.8	1.1	-0.3	0	J	
14	381	3.9	29	J	2.4	-30	158	-1.8	0.7	-1.1	1	J	
15	378	4.3	31	J	2.7	-8	159	-2.1	0.8	-0.3	1	J	
16	377	4.3	29	J	3.1	-33	188	-2.2	-0.2	-1.5	1	J	
17	387	5.1	18	J	2.8	0	233	-1.2	-1.6	-0.2	2	J	
18	385	6.1	23	J	3.4	-71	127	-0.6	1.2	-2.6	2	J	
19	384	7.1	30	J	3.3	-43	161	-1.7	0.9	-1.5	2	J	
20	374	7.2	30	J	3.4	14	157	-2.9	1.0	1.1	1	J	
21	374	8.2	33	J	4.0	-5	158	-3.1	1.3	0.1	2	J	
22	376	9.5	26	J	4.5	-28	141	-2.4	2.4	-0.9	3	J	
23	379	11.8	16	J	5.6	-6	104	-1.3	5.0	1.1	2	J	
24	388	16.5	25	J	6.5	6	93	-0.3	5.7	2.6	2	J	

92-06-03 - 92-06-15

JUN. 3, 1992 (155)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	367	20.7	26	J	8.0	9	107	-2.3	6.8	3.4	1	J
2	369	37.6	552	J	9.7	18	97	-1.1	8.0	5.2	1	J
3					10.8	14	97	-1.3	9.6	4.8	1	J
4	389	11.6	6	J	11.0	21	95	-0.9	9.4	5.7	1	J
5	362	12.2	7	J	10.8	21	93	-0.5	9.4	5.0	2	J
6					11.0	23	88	0.4	9.8	5.0	1	J
7												
8												
9												
10												
11	333	15.1	8	J	8.7	39	18	6.4	2.6	5.2	1	J
12	337	11.4	20	J	8.0	27	348	6.8	-1.1	3.7	2	J
13	335	7.0	74	J								
14	320	5.9	89	J								
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

JUN. 9, 1992 (161)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	330	19.3	20	J	8.2	-47	140	-4.1	2.8	-6.0	3	J
15	334	20.4	16	J	8.5	-17	117	-3.5	6.8	-2.7	2	J
16					9.3	10	111	-3.1	8.1	1.5	2	J
17												
18												
19												
20												
21												
22												
23	334	23.2	43	J	5.7	76	319	0.5	-1.1	2.2	5	J
24	332	20.2	30	J	7.4	-16	100	-1.2	6.9	-0.1	3	J

JUN. 10, 1992 (162)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	337	20.7	58	J	5.1	-38	112	-1.2	3.5	-1.7	3	J
2	338	19.9	77	J	3.9	9	129	-1.0	1.1	0.5	4	J
3	332	16.4	88	J	4.5	28	132	-2.1	2.0	2.0	3	J
4	330	16.4	98	J	5.4	17	108	-1.3	3.8	1.8	3	J
5												
6												
7												
8												
9	476	22.7	385	J	21.8	-6	71	7.0	19.8	-4.5	4	J
10	487	30.6	254	J	22.6	20	66	7.1	16.7	4.1	13	J
11	476	28.2	191	J	30.6	31	64	8.5	19.1	8.9	21	J
12	463	21.8	114	J	26.5	0	64	11.4	23.0	-3.5	6	J
13	447	9.0	122	J	25.8	18	61	11.8	22.1	4.9	4	J
14	476	9.7	32	J	25.2	40	61	9.3	18.4	14.3	2	J
15	477	13.9	32	J	24.4	43	59	9.2	16.3	15.6	1	J
16												
17												
18					22.7	74	64	2.7	3.1	22.3	0	J
19	398	8.7	146	J	22.6	74	59	3.2	1.5	22.1	3	J
20	451	10.1	35	J	22.9	87	99	-0.2	-3.8	22.5	2	J
21	444	5.1	25	J	27.1	67	254	-2.9	-15.8	21.2	9	J
22	446	10.4	251	J	20.6	73	233	-3.6	-9.9	17.5	3	J
23												
24												

JUN. 11, 1992 (163)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4	435	9.2	72	J	16.9	12	1	16.2	-0.1	3.5	3	
5	428	8.2	66	J	16.5	28	308	6.1	-8.2	4.8	12	
6	416	7.4	46	J	13.8	17	188	-12.8	-1.9	3.9	3	J
7	417	8.1	45	J	12.6	7	204	-11.1	-4.9	1.7	3	J
8	412	7.6	30	J	11.8	0	197	-11.1	-3.4	0.3	2	J
9	412	6.8	31	J	11.9	-6	205	-10.4	-4.9	-0.6	3	J
10	432	5.7	59	J	11.8	-19	217	-8.8	-7.1	-2.8	1	J
11	462	3.8	38	J	11.3	-11	209	-8.8	-5.2	-1.2	4	J
12	425	7.2	54	J	11.2	-23	221	-7.5	-7.1	-3.1	3	J
13	406	7.7	50	J	11.3	-17	219	-8.1	-6.9	-2.2	3	J
14	404	7.8	49	J	11.3	-32	207	-8.3	-4.9	-5.3	3	J
15	407	6.2	34	J	11.4	-19	219	-8.0	-6.7	-3.1	3	J
16	406	6.8	24	J	11.1	-25	213	-8.1	-5.4	-4.4	3	J
17	402	6.7	17	J	10.8	-17	212	-8.7	-5.3	-3.4	2	J
18	400	8.2	30	J	10.4	-25	198	-8.5	-2.3	-4.5	3	J
19	404	8.8	31	J	12.6	-29	184	-10.6	0.2	-5.9	4	J
20	439	11.7	56	J	15.3	-57	170	-7.9	4.0	-11.8	4	J
21	440	13.5	33	J	15.2	-54	135	-6.2	9.0	-10.2	3	J
22	435	21.4	52	J	13.7	-44	153	-8.1	6.3	-7.4	5	J
23	422	31.0	98	J	12.6	-22	125	-6.3	9.9	-1.9	5	J
24												

JUN. 12, 1992 (164)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3	426	12.2	55	J	13.3	11	52	8.0	9.7	4.1	1	J
4	436	14.5	52	J	12.0	19	80	1.8	10.0	4.8	4	J
5	447	13.8	70	J	11.2	11	73	2.6	8.5	2.3	6	J
6	450	11.9	76	J	10.1	19	71	2.7	7.8	2.9	5	J
7	453	15.9	24	J	11.3	17	54	6.2	8.7	2.9	2	J
8	448	18.2	46	J	9.7	-13	59	4.4	7.1	-2.6	4	J
9	443	19.0	12	J	10.2	23	85	0.8	9.5	2.7	3	J
10	438	16.0	11	J	11.7	55	92	-0.2	8.0	8.4	2	J
11	454	18.4	35	J	13.5	82	38	1.4	3.2	12.6	3	J
12	454	42.7	194	J	12.0	24	75	2.7	10.6	2.9	4	J
13	456	12.4	25	J	15.0	-27	104	-2.9	10.6	-7.8	7	J
14	478	26.4	57	J	11.9	-63	118	-2.1	2.9	-9.2	7	J
15	472	19.1	48	J	12.1	-64	94	-0.4	4.3	-10.9	4	J
16	485	15.4	83	J	12.5	-59	97	-0.6	5.0	-8.8	7	J
17	493	29.3	46	J	7.2	45	103	-1.1	4.6	5.1	2	J
18	482	18.9	48	J	6.5	53	124	-2.2	2.7	5.4	1	J
19	481	19.5	42	J	5.2	30	131	-2.7	2.7	2.8	2	J
20	485	17.8	38	J	6.3	31	132	-3.3	3.0	3.6	3	J
21	493	17.0	45	J	5.2	43	119	-1.5	1.9	3.3	3	J
22	489	15.0	28	J	5.3	40	70	1.1	2.3	3.5	3	J
23	483	13.6	58	J	5.4	0	21	4.1	1.5	0.4	3	J
24	472	13.5	57	J	5.5	9	24	4.4	1.7	1.2	2	J

JUN. 13, 1992 (165)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	469	14.5	41	J	5.7	1	33	3.9	2.4	0.7	3	
2	457	16.4	20	J	5.3	40	88	0.1	3.2	4.0	1	
3					5.7	33	88	0.2	4.2	3.7	1	
4	454	37.3	249	J	6.0	29	95	-0.5	4.9	3.4	1	
5	452	10.7	48	J	5.3	0	112	-1.3	3.3	0.2	4	
6	453	7.4	22	J	5.6	-26	114	-1.9	4.3	-2.3	2	
7	447	7.3	32	J	5.8	0	116	-2.5	5.1	-0.3	1	
8	451	7.6	32	J	5.0	10	112	-1.8	4.4	0.4	2	
9	432	7.9	40	J	5.2	-1	127	-3.1	4.0	-0.6	1	
10	419	7.5	55	J	5.6	-24	141	-3.9	2.8	-2.7	1	
11	415	6.3	50	J	5.8	-19	140	-4.1	3.0	-2.4	1	
12	415	6.4	74	J	5.8	-27	147	-4.3	2.3	-3.0	1	
13	405	5.7	26	J	5.9	-15	167	-5.4	1.0	-1.7	2	
14	410	5.8	28	J	6.1	-4	160	-5.3	1.9	-0.6	2	
15	414	8.0	30	J	5.8	-42	152	-3.7	1.6	-3.9	2	
16	407	7.4	23	J	5.7	-50	142	-2.7	2.0	-4.2	2	
17	391	8.3	51	J	5.8	-45	121	-1.6	2.8	-3.1	4	
18	402	9.1	24	J	5.9	-55	159	-2.8	1.5	-4.1	3	
19	390	9.8	43	J	5.8	-24	200	-4.7	-1.4	-2.5	2	
20	394	9.6	33	J	5.5	-26	216	-3.7	-2.2	-2.7	2	
21	393	10.5	30	J	5.4	-46	210	-2.9	-0.8	-3.8	2	
22	398	10.2	28	J	5.3	-74	166	-1.1	1.2	-3.7	4	
23	397	10.6	24	J	5.4	-70	139	-0.9	1.5	-2.8	4	
24	408	10.1	15	J	5.1	11	75	1.1	3.8	1.8	3	

JUN. 14, 1992 (166)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	403	13.7	25	J	3.5	25	69	0.9	2.0	1.7	2	J
2	400	15.1	25	J	2.5	-9	64	1.1	2.3	0.0	1	J
3	398	14.7	22	J	3.2	-11	57	1.7	2.6	-0.2	1	J
4	395	15.1	20	J	3.3	-9	56	1.8	2.7	-0.2	1	J
5	391	13.8	22	J	3.3	-18	55	1.8	2.6	-0.9	1	J
6	388	14.3	21	J	3.1	-13	50	1.8	2.1	-0.6	1	J
7	388	13.3	26	J	3.6	-8	33	2.7	1.8	-0.6	1	J
8	387	12.7	26	J	3.7	4	30	2.9	1.7	0.1	2	J
9	384	13.0	29	J	4.0	-11	29	3.3	1.7	-1.0	1	J
10	381	12.3	22	J	3.3	-27	43	2.0	1.6	-1.7	1	J
11	374	11.5	23	J	3.9	-39	118	-1.3	2.0	-2.6	2	J
12	372	10.3	25	J	4.0	-35	126	-1.7	2.0	-2.5	2	J
13	377	11.1	22	J	4.1	-20	80	0.5	2.8	-1.6	2	J
14	373	14.0	21	J	3.2	-26	99	-0.4	2.4	-1.6	1	J
15	373	15.9	17	J	3.0	-69	318	0.6	-0.7	-2.1	2	J
16	379	17.2	18	J	2.9	-22	138	-1.4	1.2	-0.8	2	J
17	373	18.6	14	J	3.3	-32	120	-1.3	2.2	-1.5	2	J
18	372	19.9	14	J	2.8	-43	54	0.9	1.4	-1.3	2	J
19	377	20.4	14	J	3.4	-21	71	0.9	2.9	-0.7	1	J
20	379	20.4	14	J	4.4	-36	79	0.6	3.6	-1.7	2	J
21	378	20.1	19	J	2.9	-75	313	0.4	0.1	-2.4	2	J
22	381	18.9	30	J	1.5	-15	239	-0.6	-0.9	-0.5	1	J
23	379	16.9	29	J	1.4	-11	239	-0.5	-0.8	-0.4	1	J
24	380	15.1	30	J	2.3	-12	307	1.1	-1.3	-0.7	2	J

JUN. 15, 1992 (167)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	382	13.7	29	J	3.4	-25	293	1.1	-2.2	-1.8	2	J
2	380	10.0	58	J	5.0	-27	320	3.3	-2.3	-2.6	1	J
3	379	10.5	54	J	5.1	-31	326	3.5	-2.0	-2.8	2	J
4	381	10.5	46	J	5.8	-28	321	3.8	-2.8	-2.9	2	J
5	379	10.9	34	J	5.9	-48	328	3.3	-1.9	-4.4	1	J
6												
7												
8												
9												
10	401	12.2	46	J	6.1	39	111	-1.5	4.5	2.7	3	J
11	401	12.2	55	J	5.7	42	120	-2.0	4.1	2.9	2	J
12					3.5	-9	349	2.4	-0.5	-0.3	3	J
13	393	13.0	63	J	4.2	-50	312	1.4	-1.9	-2.2	3	J
14	397	11.5	41	J	7.3	-62	268	-0.1	-3.9	-5.3	3	J
15	394	11.6	43	J	7.2	-72	233	-1.2	-2.1	-5.8	4	J
16	373	10.1	32	J	7.3	-36	313	3.5	-4.0	-3.6	4	J
17	377	10.1	22	J	7.9	-15	308	4.4	-5.6	-2.0	3	J
18	376	8.6	21	J	8.4	-6	311	5.4	-6.1	-1.4	2	J
19	383	9.3	45	J	7.7	-6	320	5.6	-4.6	-1.4	2	J
20	395	16.1	63	J	5.8	15	322	4.3	-3.6	0.8	2	J
21	383	13.1	76	J	7.3	1	324	5.9	-4.2	-0.8	1	J
22	368	9.2	25	J	7.8	-3	327	6.4	-4.0	-1.4	1	J
23	367	8.4	17	J	7.8	-4	340	7.3	-2.5	-1.2	1	J
24	364	8.0	17	J	8.0	-11	342	7.4	-2.0	-2.0	1	J

92-06-16 - 92-06-27

JUN. 16, 1992 (168)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	363	8.0	21	J	7.8	-8	330	6.4	-3.4	-1.8	2	J	
2	359	8.0	25	J	7.9	-33	344	6.3	-1.0	-4.5	1	J	
3	364	7.9	15	J	7.9	-24	329	6.0	-3.2	-3.6	1	J	
4	358	7.7	29	J	7.5	-23	339	6.3	-2.2	-3.0	1	J	
5	346	8.5	40	J									
6	350	9.1	58	J									
7	343	9.6	90	J									
8	315	13.0	103	J									
9	302	16.1	97	J									
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													

JUN. 21, 1992 (173)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14					5.4	1	12	4.6	1.0	-0.1	3	J	
15					6.2	1	306	2.8	-3.8	0.6	4	J	
16													
17													
18													
19													
20													
21													
22													
23													
24													

JUN. 22, 1992 (174)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7													
8	406	14.1	12	J	13.9	34	317	8.4	-6.5	8.9	2	J	
9					13.7	31	318	8.7	-6.3	8.5	1	J	
10					13.1	32	317	8.1	-5.8	8.4	1	J	
11	415	23.1	32	J	9.9	41	300	3.4	-4.3	7.0	5	J	
12	401	20.4	20	J	11.7	52	307	4.3	-3.4	10.2	2	J	
13	410	14.5	44	J	11.5	51	325	5.9	-2.0	9.6	2	J	
14													
15													
16													
17													
18													
19	395	15.3	56	J	16.0	12	358	15.5	-0.8	3.2	2	J	
20	393	16.6	51	J	17.0	8	356	16.8	-1.5	2.2	1	J	
21	385	14.9	72	J	16.4	12	357	15.8	-1.4	3.2	3	J	
22													
23													
24													

JUN. 23, 1992 (175)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4	372	13.6	40	J	10.7	-29	19	8.7	3.2	-5.0	2	J	
5	395	20.6	33	J	7.1	-9	264	-0.4	-3.3	-0.5	6	J	
6	411	19.5	48	J	6.3	23	214	-4.0	-2.5	2.2	4	J	
7	420	13.5	104	J	7.2	16	146	-5.2	3.7	1.4	3	J	
8	436	9.2	98	J	9.0	5	139	-6.5	5.7	-0.2	1	J	
9	432	9.5	114	J	8.7	5	138	-6.3	5.7	-0.4	1	J	
10	416	10.4	78	J	8.5	-2	119	-3.9	6.8	-1.9	2	J	
11	413	11.3	63	J	7.3	2	128	-4.4	5.5	-1.1	2	J	
12	403	13.8	44	J	5.4	4	129	-3.2	3.9	-0.6	2	J	
13	405	18.3	35	J	2.9	-2	140	-1.5	1.2	-0.3	2	J	
14	407	15.7	40	J	4.4	15	95	-0.3	3.3	0.2	3	J	
15	412	15.4	29	J	6.4	17	256	-1.3	-5.0	2.5	3	J	
16	403	17.6	35	J	6.8	18	288	1.1	-3.4	1.6	6	J	
17	409	19.3	31	J	6.5	40	173	-4.9	0.8	4.1	0	J	
18					6.0	-3	228	-3.8	-4.2	-0.4	2	J	
19	399	20.3	27	J	6.8	-26	256	-1.4	-5.3	-3.2	3	J	
20	391	17.3	22	J	7.8	-24	27	6.3	3.6	-2.7	1	J	
21	386	25.5	17	J	6.2	1	104	-0.8	3.2	0.6	5	J	
22													
23													
24													

JUN. 24, 1992 (176)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3	464	22.4	106	J	14.6	-22	90	0.0	12.9	-4.1	6	J	
4	491	17.7	175	J	14.8	-49	72	0.8	2.5	-2.9	14	J	
5	561	11.3	415	J	13.6	16	165	-10.6	2.9	3.1	7	J	
6	593	9.1	336	J	12.5	-5	129	-5.8	7.1	-1.4	8	J	
7	576	9.5	340	J	12.5	16	150	-9.8	6.0	2.5	4	J	
8	594	9.7	299	J	14.3	18	153	-10.1	5.7	2.7	8	J	
9	598	10.0	386	J	13.5	33	144	-6.8	6.0	4.3	9	J	
10	594	7.1	199	J	15.6	32	156	-11.5	6.8	6.4	5	J	
11	608	6.4	138	J	14.4	29	167	-12.0	4.4	5.9	3	J	
12	613	8.2	256	J	12.3	5	140	-8.5	7.1	-0.8	5	J	
13	626	7.0	240	J	9.4	0	138	-6.4	5.6	-1.4	4	J	
14	640	5.7	233	J	9.9	14	137	-6.7	6.6	0.9	3	J	
15	639	4.7	362	J	10.6	18	143	-7.7	6.3	2.1	3	J	
16	643	5.1	351	J	10.0	-1	146	-7.2	4.8	-0.7	5	J	
17	661	5.6	396	J	9.5	6	136	-5.1	4.9	0.5	6	J	
18	654	6.0	374	J	9.0	4	126	-4.4	6.0	0.6	5	J	
19	647	6.8	435	J	7.5	8	139	-4.4	3.8	1.1	5	J	
20	648	6.8	441	J	8.0	-1	97	-0.7	5.3	0.5	6	J	
21	633	6.8	442	J	7.9	-5	107	-1.5	5.1	0.3	6	J	
22	642	5.2	291	J	6.2	29	136	-3.0	2.5	2.8	5	J	
23	663	3.5	228	J	4.4	23	189	-3.6	-0.8	1.4	2	J	
24	675	3.6	180	J	4.5	1	119	-1.6	2.9	0.6	3	J	

JUN. 25, 1992 (177)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	687	4.2	341	J	4.1	-27	36	2.8	2.3	-1.5	1	J	
2	649	3.8	148	J	5.4	-13	119	-1.6	2.9	-0.4	4	J	
3	659	3.8	176	J	5.5	-25	74	0.9	3.3	-1.3	4	J	
4	656	2.9	253	J	3.4	-5	162	-2.2	0.7	-0.2	3	J	
5					3.6	-21	107	-0.7	2.2	-1.0	3	J	
6	613	3.0	69	J	4.5	5	110	-1.4	3.9	0.0	2	J	
7	624	4.1	77	J	4.7	4	115	-1.6	3.4	-0.2	3	J	
8	628	4.4	122	J	5.0	-1	127	-2.6	3.4	-0.7	2	J	
9	627	4.4	121	J	5.3	-8	140	-3.5	2.7	-1.3	3	J	
10	619	3.7	96	J	5.0	22	145	-3.1	2.5	1.0	3	J	
11	631	3.6	119	J	5.1	4	129	-2.9	3.5	-0.6	2	J	
12	608	3.4	179	J	4.9	5	164	-3.4	1.0	0.0	3	J	
13	615	2.5	114	J	5.6	-1	159	-4.8	1.8	-0.5	2	J	
14	604	2.5	72	J	5.8	-2	152	-4.9	2.5	-0.7	2	J	
15													
16													
17	624	3.4	314	J	6.7	29	145	-4.7	3.4	3.0	2	J	
18													
19													
20													
21													
22	618	4.8	189	J	7.3	-1	276	0.7	-6.7	-1.2	2	J	
23	600	5.4	160	J	7.2	27	130	-2.2	2.3	2.2	6	J	
24	601	5.4	145	J	7.6	21	143	-4.8	3.2	2.8	4	J	

JUN. 26, 1992 (178)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	593	5.2	184	J	7.4	35	143	-4.5	2.8	4.4	3	J	
2	593	5.0	178	J	7.1	32	148	-4.4	2.4	3.5	4	J	
3	585	4.8	135	J	7.1	24	133	-3.7	3.8	2.7	4	J	
4	616	4.1	107	J	6.1	20	94	-0.4	5.1	2.0	3	J	
5	607	3.1	74	J	4.6	-15	113	-1.6	3.7	-1.2	2	J	
6	599	2.9	79	J	4.5	-9	122	-2.0	3.1	-0.9	2	J	
7	603	2.8	113	J	3.8	-11	117	-1.5	2.8	-1.0	2	J	
8	602	3.0	118	J	3.5	-62	90	0.0	0.7	-2.3	3	J	
9	591	2.9	109	J	4.5	40	155	-1.9	1.2	1.5	4	J	
10	586	2.8	131	J	4.2	21	129	-2.3	3.1	0.6	2	J	
11	552	3.1	85	J	5.1	21	145	-3.8	3.1	1.0	1	J	
12	548	3.1	70	J	5.3	27	169	-4.5	1.5	2.0	1	J	
13	549	3.7	73	J	5.1	18	152	-3.6	2.2	0.8	3	J	
14	533	5.2	152	J	4.0	16	181	-3.6	0.2	1.0	2	J	
15	543	5.1	107	J	3.9	-3	97	-0.3	2.7	-0.6	3	J	
16	520	4.9	132	J	3.7	-31	178	-2.7	-0.1	-1.6	2	J	
17	517	5.1	116	J	3.3	-10	139	-2.1	1.8	-0.6	2	J	
18	540	4.9	87	J	3.4	9	81	0.3	1.9	0.3	3	J	
19	506	3.7	62	J	4.0	-17	196	-3.1	-0.8	-1.0	2	J	
20	507	4.2	48	J	3.3	-15	104	-0.7	2.9	-0.5	1	J	
21	505	3.8	48	J	4.0	-33	116	-1.3	2.8	-1.5	2	J	
22	506	3.9	66	J	3.9	-29	145	-2.6	2.1	-1.4	2	J	
23	512	5.3	106	J	4.1	-43	175	-2.5	0.6	-2.3	2	J	
24	527	5.7	100	J	3.7	-62	112	-0.5	1.5	-2.1	3	J	

JUN. 27, 1992 (179)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	530	5.7	89	J	3.8	-49	127	-0.9	1.4	-1.6	3	J	
2	488	5.1	70	J	5.5	2	203	-5.0	-2.1	0.0	1	J	
3	498	4.8	76	J	5.6	8	206	-4.6	-2.3	0.6	2	J	
4	504	5.5	61	J	5.2	22	183	-4.7	-0.3	1.9	1	J	
5													
6	508	5.6	74	J	5.7	4	143	-4.4	3.3	0.1	1	J	
7	517	6.3	99	J	5.0	-1	124	-2.3	3.4	-0.6	3	J	
8	515	6.3	95	J	4.9	5	116	-2.0	4.0	-0.4	2	J	
9	518	6.1	54	J	6.1	-17	44	4.1	3.4	-2.6	1	J	
10	514	6.5	43	J	6.4	-14	43	4.4	3.6	-2.5	2	J	
11													
12	514	6.5	56	J	6.1	22	99	-0.8	5.7	0.7	2	J	
13	506	5.3	61	J	6.6	17	172	-6.0	1.3	1.6	2	J	
14	505	4.8	59	J	6.5	18	163	-5.7	2.2	1.5	2	J	
15	502	4.9	73	J	6.0	19	170	-5.5	1.3	1.7	1	J	
16	509	5.2	103	J	5.4	-5	155	-4.0	1.8	-0.6	3	J	
17	504	4.9	94	J	4.8	10	148	-3.3	2.1	0.5	3	J	
18	493	5.5	128	J	4.9	7	124	-2.4	3.5	0.5	3	J	
19	489	6.3	90	J	6.1	16	211	-4.5	-2.8	1.4	3	J	
20	484	6.9	108	J	6.4	16	199	-5.5	-2.1	1.5	2	J	
21	535	9.3	102	J	10.5	9	220	-7.8	-6.7	0.7	4	J	
22	555	12.9	163	J	13.3	14	210	-11.0	-6.8	2.2	2	J	
23	550	13.7	256	J	10.8	8	205	-7.4	-3.6	0.6	7	J	
24	554	12.8	284	J	8.3	10	81	0.8	4.9	1.6	6	J	

92-06-28 - 92-07-09

JUN. 28, 1992 (180)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	538	10.9	303	J	7.7	44	139	-3.6	2.6	5.0	4	J
2	547	10.5	350	J	7.2	32	149	-4.1	2.2	3.2	5	J
3	567	8.9	328	J	6.2	9	49	3.0	3.4	0.9	4	J
4	534	9.0	279	J	6.6	19	31	4.9	3.0	2.0	3	J
5	544	9.9	259	J	6.1	-27	32	3.3	2.0	-2.1	4	J
6												
7												
8												
9												
10												
11	573	6.1	268	J	11.2	3	221	-8.3	-6.8	2.5	1	J
12	589	8.3	216	J	8.4	-62	307	1.3	-2.7	-3.3	7	J
13	571	9.4	213	J	5.8	-50	319	2.3	-2.9	-2.9	3	J
14	559	8.5	195	J	6.5	-23	247	-2.0	-5.1	-1.0	3	J
15	586	7.8	102	J	6.7	-23	337	5.0	-2.5	-1.8	3	J
16	597	6.8	83	J	5.7	-3	339	5.2	-2.0	0.0	1	J
17	576	6.8	69	J	5.6	7	343	3.8	-1.1	0.6	4	J
18	539	7.3	96	J	4.7	45	276	0.2	-2.3	2.4	3	J
19	552	7.1	92	J	5.1	17	337	4.0	-1.7	1.2	3	J
20	549	8.4	65	J	7.0	25	13	6.0	1.1	3.0	1	J
21	545	8.2	69	J	5.8	16	6	5.3	0.4	1.6	2	J
22	537	7.4	66	J	5.2	5	6	4.8	0.4	0.5	2	J
23	491	8.6	101	J	5.6	-28	262	-0.5	-2.9	-2.2	4	J
24	516	6.5	45	J	5.3	-10	347	4.9	-1.0	-1.0	2	J

JUN. 29, 1992 (181)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	521	11.7	77	J	7.4	-21	341	6.3	-1.8	-2.8	2	J
2	516	15.8	136	J	8.8	-20	249	-1.9	-4.6	-2.3	7	J
3	526	16.0	148	J	9.7	-45	56	1.9	3.0	-3.3	9	J
4	553	16.3	127	J	11.3	-41	239	-4.2	-7.1	-7.1	3	J
5	522	10.6	94	J	12.5	-81	327	0.8	-0.9	-5.9	11	J
6	494	10.6	105	J	12.9	-8	90	0.0	12.4	-3.2	2	J
7	515	9.7	95	J	13.2	-4	97	-1.6	12.6	-3.0	2	J
8	502	10.2	72	J	12.6	0	122	-6.5	10.2	-2.2	3	J
9	490	10.3	68	J	11.4	-10	95	-0.8	8.7	-3.9	6	J
10	496	10.6	94	J	11.3	-15	73	3.0	8.8	-5.3	3	J
11					12.4	-24	63	4.7	7.5	-7.0	4	J
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

JUL. 4, 1992 (186)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	363	14.4	52	J								
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

JUL. 5, 1992 (187)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3	333	19.4	11	J	5.2	-59	143	-2.0	1.5	-4.2	2	J
4					5.0	-74	101	-0.2	1.1	-4.6	2	J
5	339	18.7	14	J	5.3	-74	198	-1.2	-0.8	-4.4	3	J
6					6.5	-9	252	-1.6	-4.9	-0.1	4	J
7	346	22.6	17	J	8.2	25	262	-1.0	-6.3	4.8	2	J
8	351	19.6	24	J	8.8	22	277	1.0	-6.9	5.1	2	J
9	349	20.9	31	J	9.5	-1	285	2.4	-8.6	2.4	2	J
10	350	23.1	29	J	7.5	-42	295	2.1	-5.8	-2.9	3	J
11	347	24.3	23	J	7.3	-20	286	1.8	-6.8	-0.2	2	J
12	349	29.3	20	J	6.5	-10	286	1.5	-5.2	0.8	3	J
13	347	33.8	25	J	3.3	36	258	-0.5	-1.5	2.2	2	J
14	350	26.8	29	J	5.5	6	108	-1.4	4.2	-0.8	5	J
15	349	13.5	36	J	9.8	20	112	-3.2	8.5	1.1	3	J
16												
17												
18												
19												
20												
21												
22												
23	345	21.8	37	J	6.5	34	15	4.6	0.9	3.3	3	J
24	355	26.0	34	J	3.6	66	357	1.3	-0.3	3.0	1	J

JUL. 6, 1992 (188)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	352	18.8	32	J	6.3	35	113	-1.9	4.1	3.6	3	J
2	328	15.5	24	J	6.4	-14	169	-5.6	1.1	-1.4	3	J
3	340	16.3	29	J	5.7	-10	125	-1.4	2.0	-0.4	5	J
4	356	16.8	23	J	6.3	-16	70	1.8	4.8	-1.8	3	J
5	323	14.5	24	J	5.9	28	176	-5.0	0.6	2.6	1	J
6	335	15.6	24	J	5.2	44	175	-2.7	0.7	2.6	4	J
7	346	18.4	32	J	3.7	-8	115	-0.6	1.3	-0.5	3	J
8	346	18.1	32	J	4.2	34	109	-1.1	3.5	1.3	2	J
9	347	17.6	27	J	4.6	7	91	-0.1	4.3	-0.7	1	J
10	344	17.6	24	J	4.5	-19	92	-0.1	2.1	-1.6	4	J
11	350	16.3	26	J	4.8	-11	85	0.3	3.3	-1.9	3	J
12	354	16.5	27	J	5.0	-16	93	-0.2	2.6	-1.8	4	J
13	362	14.0	19	J	5.8	-5	96	-0.3	2.4	-1.0	5	J
14	367	16.7	19	J	4.2	27	125	-1.6	2.7	0.7	3	J
15	359	15.8	20	J	4.3	10	85	0.2	2.8	-0.2	3	J
16	371	17.0	18	J	3.0	-24	155	-0.4	0.1	-0.2	3	J
17	361	16.1	15	J	4.0	6	242	-1.8	-3.3	0.9	1	J
18	364	15.1	14	J	3.4	-37	316	1.2	-1.3	-1.2	3	J
19	366	15.9	16	J	2.8	14	61	0.9	1.7	0.5	2	J
20	359	15.1	21	J	2.1	-23	77	0.3	1.3	-0.5	2	J
21	365	13.5	21	J	2.4	31	157	-1.6	0.6	1.1	1	J
22	362	13.1	26	J	2.4	22	14	1.3	0.3	0.6	2	J
23	354	13.7	18	J	2.2	42	111	-0.5	1.3	1.5	1	J
24	351	13.4	17	J	2.0	30	86	0.1	1.1	0.8	2	J

JUL. 7, 1992 (189)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					2.4	4	127	-1.4	1.9	0.3	0	J
2	349	13.6	10	J	2.3	-2	143	-1.8	1.3	0.0	1	J
3	347	12.7	10	J	2.5	-10	57	0.9	1.4	-0.3	2	J
4	345	13.3	15	J	2.6	17	83	0.3	2.4	0.6	1	J
5	350	17.4	51	J	2.2	28	119	-0.9	1.7	0.8	1	J
6	338	13.0	12	J	2.6	9	94	-0.2	2.5	0.0	1	J
7	346	13.8	11	J	1.9	13	111	-0.7	1.8	0.0	1	J
8	341	14.2	11	J	1.8	20	71	0.5	1.6	0.2	1	J
9	364	28.2	223	J	1.4	47	231	-0.3	-0.2	0.7	1	J
10	331	13.7	6	J	2.5	20	354	2.1	0.0	0.8	1	J
11	332	13.2	8	J	2.7	4	348	2.4	-0.4	0.3	1	J
12	326	13.1	8	J	3.1	11	2	2.9	0.3	0.5	1	J
13	323	12.5	8	J	2.8	1	351	2.7	-0.4	0.2	1	J
14	319	11.5	7	J	2.7	-12	355	2.4	-0.4	-0.4	1	J
15	320	13.7	10	J	2.9	-23	354	2.4	-0.5	-0.9	1	J
16	314	13.3	12	J	3.4	24	350	2.9	-0.2	1.4	1	J
17	312	17.0	13	J	3.8	23	336	3.1	-1.2	1.6	1	J
18	316	13.7	14	J	3.8	0	353	3.5	-0.4	0.0	1	J
19	311	18.5	18	J	3.9	-11	15	3.6	0.9	-0.7	1	J
20	315	19.9	9	J	3.4	-15	354	2.1	-0.2	-0.6	3	J
21	314	22.2	8	J	3.3	-39	338	2.4	-0.8	-2.1	0	J
22	306	18.9	9	J	3.9	-5	308	2.3	-2.9	-0.6	1	J
23	311	18.0	7	J	3.9	-17	315	2.6	-2.5	-1.3	1	J
24					3.5	-21	322	2.5	-1.9	-1.4	1	J

JUL. 8, 1992 (190)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	305	19.7	8	J	2.5	-18	318	1.6	-1.4	-0.8	1	J
2	297	16.8	6	J	3.2	3	337	2.8	-1.2	0.1	2	J
3	300	18.6	10	J	4.8	-12	351	4.5	-0.7	-1.0	1	J
4	308	19.5	9	J	3.2	11	309	0.6	-0.7	0.2	3	J
5	313	38.7	158	J	2.7	22	187	-2.4	-0.2	1.0	1	J
6	306	21.2	12	J	2.4	21	177	-2.2	0.3	0.8	0	J
7	307	22.4	10	J	2.3	5	168	-2.1	0.5	0.1	1	J
8	309	29.2	17	J	2.2	-11	147	-1.2	0.7	-0.5	2	J
9												
10	308	25.8	8	J	3.1	-26	116	-1.2	1.9	-2.1	1	J
11	296	26.0	10	J	2.9	-30	126	-1.3	1.3	-1.8	2	J
12	303	71.4	474	J	2.0	7	275	0.2	-1.6	0.8	1	J
13					2.2	49	216	-1.0	-0.2	1.5	1	J
14	314	29.4	10	J	3.3	46	129	-0.9	1.5	1.1	3	J
15	322	23.8	13	J	6.1	-64	331	1.5	-1.7	-3.1	5	J
16	330	24.1	9	J	6.6	21	303	3.2	-4.3	3.2	2	J
17	332	24.9	10	J	6.4	4	310	4.0	-4.7	1.2	1	J
18	338	26.3	12	J	3.9	-9	317	2.4	-2.3	-0.3	2	J
19	339	25.0	15	J	2.6	69	263	-0.1	-0.8	2.4	1	J
20	345	25.2	25	J	2.8	46	304	0.7	-1.1	1.3	2	J
21	343	20.9	29	J	4.9	10	122	-2.1	3.3	0.9	3	J
22	340	20.4	23	J	5.7	57	188	-2.9	-0.7	4.4	2	J
23	338	20.1	18	J	5.5	46	197	-3.1	-1.2	3.3	3	J
24	333	17.6	17	J	5.8	12	156	-4.6	2.0	1.2	3	J

JUL. 9, 1992 (191)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	335	18.8	13	J	4.8	37	169	-3.7	0.6	2.9	1	J
2	337	18.9	17	J	4.6	38	165	-3.3	0.9	2.7	1	J
3	348	17.0	25	J	3.8	-32	67	1.1	2.5	-1.8	2	J
4	343	17.7	22	J	3.6	-39	65	1.1	2.2	-2.2	2	J
5	338	20.9	15	J	1.9	-61	87	0.0	0.4	-0.9	2	J
6	339	21.6	16	J	1.8	-22	218	-0.9	-0.8	-0.3	1	J
7	339	19.9	15	J	2.5	8	231	-1.4	-1.7	0.7	1	J
8	338	19.3	14	J	3.0	23	232	-1.6	-1.7	1.7	1	J
9	336	19.8	13	J	2.4	56	201	-1.2	0.1	2.0	1	J
10	337	20.4	10	J	2.3	78	30	0.4	0.9	1.9	1	J
11	333	20.4	9	J	3.2	46	58	1.1	2.4	1.4	1	J
12	333	19.6	8	J	2.9	34	55	1.3	2.2	0.8	1	J
13	331	24.0	10	J	2.0	20	69	0.6	1.7	0.1	1	J
14	328	24.2	8	J	2.3	-11	289	0.6	-1.8	0.2	2	J
15	332	21.1	7	J	3.5	-20	296	1.4	-3.1	-0.4	1	J
16	330	21.4	6	J	3.4	-34	302	1.4	-2.7	-1.3	1	J
17	331	19.5	8	J	2.7	-39	313	1.3	-1.7	-1.3	1	J
18	330	22.2	7	J	1.2	-3	286	0.3	-1.0	0.0	1	J
19	328	21.4	7	J	1.2	-11	282	0.2	-1.0	-0.2	1	J
20	330	21.9	7	J	1.1	-37	138	-0.6	0.5	-0.6	1	J
21	324	19.9	16	J	1.2	-30	294	0.2	-0.5	-0.3	1	J
22	326	17.2	18	J	2.6	-10	207	-1.9	-1.0	-0.4	2	J
23	325	16.0	14	J	3.8	68	268	0.0	-1.3	2.7	2	J
24	328	17.9	26	J	4.0	3	173	-3.0	0.4	0.2	3	J

JUL. 10, 1992 (192)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	325	14.5	15	J	4.7	56	221	-1.4	-1.4	2.8	3	J
2	309	16.0	14	J	4.0	34	301	1.0	-1.6	1.3	3	J
3	296	13.8	16	J	4.8	-14	335	3.9	-1.8	-1.0	2	J
4	297	14.5	13	J	4.7	-40	348	3.4	-0.9	-2.8	1	J
5	309	16.2	9	J	4.1	-34	273	0.2	-3.2	-1.6	2	J
6	308	14.9	9	J	4.6	-47	282	0.6	-3.2	-2.4	2	J
7	296	12.4	12	J	4.6	-35	345	3.6	-1.5	-2.3	1	J
8	293	11.8	14	J	4.8	-17	349	4.5	-1.2	-1.1	1	J
9	292	11.1	13	J	5.1	-21	339	4.4	-2.2	-1.2	1	J
10	290	11.5	16	J	5.1	-7	332	4.4	-2.4	0.2	0	J
11	298	12.6	7	J	4.3	-14	329	3.4	-2.3	-0.2	1	J
12	304	16.3	15	J	3.7	-2	300	1.8	-3.0	1.0	1	J
13	304	14.7	7	J	4.0	3	294	1.5	-3.0	1.3	2	J
14	303	14.9	7	J	4.7	1	275	0.4	-4.2	1.5	1	J
15	297	14.5	7	J	5.1	-14	293	1.9	-4.5	0.1	1	J
16	300	15.7	7	J	5.1	-16	289	1.5	-4.5	-0.3	2	J
17	291	15.6	9	J	5.0	-31	306	2.5	-3.8	-1.9	1	J
18					4.8	-51	285	0.7	-3.1	-3.3	1	J
19	299	20.3	8	J	3.6	-67	258	-0.3	-1.3	-2.8	2	J
20	290	17.9	11	J	4.0	23	307	1.8	-2.4	1.3	2	J
21	295	17.9	6	J	2.3	-83	235	-0.2	-0.1	-2.3	1	J
22	294	17.6	5	J	2.0	-61	128	-0.6	0.8	-1.6	1	J
23	293	16.8	5	J	1.8	-43	185	-1.2	0.0	-1.2	1	J
24	295	16.4	4	J	1.7	-36	156	-1.2	0.6	-0.9	1	J

JUL. 11, 1992 (193)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	294	16.2	4	J	1.9	-22	158	-1.6	0.7	-0.7	0	J
2	291	16.3	4	J	2.1	6	155	-1.7	0.8	0.2	1	J
3	290	15.8	5	J	2.5	16	156	-2.0	0.9	0.6	1	J
4	288	16.1	5	J	2.7	21	175	-2.5	0.3	0.9	1	J
5					3.0	13	233	-1.8	-2.2	1.0	0	J
6	290	15.9	6	J	2.7	58	143	-0.9	1.0	1.7	2	J
7	288	16.0	6	J	2.6	46	198	-1.5	-0.1	1.7	1	J
8	286	15.8	7	J	2.6	27	198	-1.8	-0.3	1.1	2	J
9	288	16.9	7	J	2.9	1	233	-1.3	-1.7	0.6	2	J
10	291	17.0	6	J	3.5	-53	245	-0.9	-2.7	-1.9	1	J
11	288	15.9	6	J	4.2	-44	248	-1.1	-3.5	-1.6	1	J
12	287	16.1	8	J	3.4	-54	233	-1.1	-2.3	-1.9	1	J
13	283	17.4	7	J	2.9	58	170	-1.4	1.0	2.1	1	J
14	289	18.6	8	J	3.7	61	163	-1.7	1.5	2.9	1	J
15	291	21.2	10	J	4.3	62	186	-1.9	0.8	3.5	1	J
16	290	22.9	11	J	4.8	49	166	-2.9	1.5	3.1	2	J
17	290	22.9	11	J	5.1	48	190	-3.3	0.1	3.8	1	J
18	294	24.4	10	J	5.5	64	190	-2.3	0.1	4.9	1	J
19	294	27.2	12	J	5.3	54	162	-2.9	1.1	4.1	1	J
20	295	29.4	13	J	5.5	64	201	-2.1	-0.8	4.7	2	J
21	289	30.5	22	J	4.9	39	191	-3.1	-0.7	2.5	3	J
22	304	28.6	19	J	8.1	55	233	-2.7	-3.9	6.3	2	J
23	306	33.3	20	J	8.4	46	150	-4.6	2.3	5.6	4	J
24	308	37.5	20	J	8.1	32	131	-4.2	4.6	4.2	3	J

JUL. 12, 1992 (194)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	315	27.5	25	J	12.8	44	151	-6.0	3.1	6.7	9	J

JUL. 17, 1992 (199)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
18	404	8.2	38	J								
19	405	8.5	52	J	5.0	6	157	-3.9	1.7	0.3	2	J
20	404	8.5	24	J	6.3	11	151	-5.0	2.8	1.0	2	J

JUL. 18, 1992 (200)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	395	11.4	55	J	6.1	24	161	-5.0	1.8	2.3	2	J
2	378	9.9	56	J	7.5	18	175	-7.0	0.7	2.3	1	J
3	378	9.8	35	J	6.5	16	179	-6.2	0.3	1.8	1	J
4	373	9.4	27	J	6.3	8	194	-6.0	-1.4	1.1	1	J
5	372	10.6	48	J	5.0	16	201	-4.3	-1.4	1.6	2	J
6	391	15.5	43	J	3.1	18	233	-1.7	-2.0	1.4	1	J
7	389	14.4	40	J	3.2	26	224	-2.0	-1.5	1.9	1	J
8	391	15.2	33	J	3.8	23	174	-3.0	0.7	1.1	2	J
9	384	14.5	23	J	4.6	44	251	-0.9	-1.5	3.6	2	J
10	374	12.3	27	J	5.3	46	277	0.4	-1.6	4.1	3	J
11	366	10.2	28	J	5.7	53	304	1.7	-0.7	4.7	3	J
12	357	9.2	30	J	6.5	37	307	3.1	-2.2	5.2	1	J
13	351	9.1	30	J	6.4	29	300	2.7	-3.2	4.6	1	J
14	357	10.7	34	J	5.3	9	271	0.1	-3.5	2.0	4	J
15	378	11.8	19	J	4.7	-20	209	-3.6	-2.4	-0.8	2	J
16	338	8.6	26	J	5.5	9	306	3.0	-3.7	1.9	2	J
17	342	7.8	16	J	6.2	11	300	2.8	-4.6	2.1	2	J
18	338	9.4	16	J	6.1	13	296	2.5	-4.9	2.1	2	J
19	328	8.3	14	J	6.2	7	303	3.2	-4.8	1.2	1	J
20	328	8.0	10	J	6.5	21	306	3.5	-4.6	2.5	2	J

JUL. 19, 1992 (201)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	321	8.0	26	J	5.2	-2	321	3.9	-3.1	-0.1	1	J
2	321	7.5	24	J	5.5	0	316	3.8	-3.7	0.2	1	J
3	323	8.0	16	J	6.0	-8	306	3.3	-4.6	-0.4	2	J
4	320	8.0	28	J	5.4	-2	322	4.1	-3.2	0.3	1	J
5	315	8.3	40	J	5.8	5	319	4.2	-3.5	1.2	1	J
6	326	9.8	12	J	5.2	-4	290	1.7	-4.5	0.8	2	J
7	324	12.9	15	J	4.4	2	285	1.1	-3.8	1.3	1	J
8	323	14.2	14	J	4.1	8	281	0.8	-3.6	1.9	1	J
9	310	8.7	11	J	6.0	10	292	2.1	-4.5	2.8	2	J
10	313	12.5	16	J	4.8	2	306	2.5	-3.1	1.5	2	J
11	310	12.1	17	J	5.2	6	320	3.7	-2.7	1.7	2	J
12	309	12.8	18	J	5.3	25	318	3.4	-2.0	3.2	1	J
13	308	13.0	15	J	5.0	43	335	3.2	-0.1	3.7	1	J
14	308	12.7	12	J	4.9	49	345	3.0	0.6	3.7	1	J
15	303	13.0	11	J	4.6	47	7	2.8	1.3	2.8	2	J
16	296	13.3	7	J	4.2	-28	303	2.0	-3.5	-1.0	1	J
17	299	14.7	7	J	4.0	-23	298	1.7	-3.4	-0.8	1	J
18	300	17.3	8	J	3.1	-37	298	1.1	-2.3	-1.4	1	J
19												
20												
21												
22												
23												
24	296	16.3	13	J	3.6	-52	317	1.6	-1.5	-2.8	0	J

JUL. 20, 1992 (202)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	297	16.4	12	J	3.7	-61	353	1.7	-0.3	-3.1	1	J
2	294	17.0	13	J	4.0	-39	324	2.3	-1.8	-2.2	2	J
3	290	17.4	14	J	3.8	-27	330	2.5	-1.6	-1.3	2	J
4	288	17.3	14	J	3.9	9	32	2.8	1.8	0.3	2	J
5	295	16.4	13	J	4.5	2	58	2.2	3.5	-0.6	2	J
6	297	15.7	13	J	5.8	7	76	1.4	5.5	-0.7	1	J
7	296	18.0	19	J	4.7	26	358	3.8	0.4	1.8	2	J
8	296	20.0	17	J	4.0	-9	301	1.9	-3.2	0.5	1	J
9	296	19.5	14	J	4.0	-58	11	1.9	-0.8	-3.1	2	J
10	311	22.0	11	J	2.5	-58	58	0.6	0.2	-1.9	2	J
11	310	24.5	13	J	5.1	11	79	0.8	3.9	-0.9	3	J
12	314	25.3	12	J	8.2	-19	92	-0.3	5.9	-5.5	2	J
13	327	25.5	9	J	11.8	-17	94	-0.8	8.7	-7.4	2	J
14	322	24.0	8	J	11.0	-8	100	-1.9	9.3	-5.4	2	J
15	334	25.1	6	J	10.7	-8	93	-0.5	9.4	-4.9	1	J
16	326	36.5	15	J	10.1	-12	83	1.1	8.4	-4.6	4	J
17	327	24.7	9	J	13.3	-22	82	1.7	10.7	-7.6	2	J
18	324	21.3	12	J	12.5	-32	82	1.4	8.9	-8.0	4	J
19	323	21.9	21	J	12.8	-21	84	1.2	11.2	-5.8	2	J
20	322	21.1	21	J	13.3	-1	85	1.2	13.1	-1.1	2	J
21	318	21.2	21	J	13.5	-1	78	2.8	13.0	-0.6	3	J
22	312	27.6	17	J	12.7	41	64	3.5	7.2	6.9	7	J
23	311	32.2	8	J	11.5	85	74	0.3	1.0	11.4	2	J
24	310	34.4	8	J	10.8	83	271	0.0	-1.2	10.6	2	J

JUL. 21, 1992 (203)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	308	35.8	9	J	10.2	79	267	-0.1	-1.6	10.1	1	J
2	309	33.4	9	J	10.6	68	304	2.2	-2.6	9.8	2	J
3	304	36.4	12	J	10.2	68	275	0.3	-2.8	9.8	1	J
4	311	38.7	25	J	10.6	61	317	3.5	-1.9	9.1	4	J
5	319	33.7	24	J	15.3	-1	296	6.4	-13.0	2.4	4	J
6	316	33.3	22	J	16.3	4	287	4.7	-14.6	5.0	3	J
7												
8	318	35.3	35	J	15.8	20	286	4.0	-11.3	9.8	3	J
9	317	38.4	41	J	15.0	12	290	4.9	-11.4	7.9	3	J
10	317	36.9	42	J	15.0	4	290	5.0	-12.2	6.5	3	J
11	307	38.0	39	J	15.3	-23	318	10.4	-11.0	-1.5	2	J
12	312	35.5	43	J	15.5	-23	311	7.9	-10.4	-0.9	8	J
13	311	39.0	34	J	14.7	-45	347	9.9	-6.2	-8.4	3	J
14	309	39.2	33	J	13.8	-48	8	8.7	-2.5	-9.5	4	J
15	308	38.4	29	J	13.3	-48	41	6.7	2.1	-11.2	2	J
16	305	34.6	20	J	12.6	-50	48	5.2	2.8	-10.5	4	J
17	310	34.4	32	J	11.4	-43	72	2.3	5.2	-8.3	5	J
18	316	21.9	39	J	13.8	-10	113	-5.0	11.3	-4.3	4	J
19					14.7	7	117	-6.4	12.8	0.2	4	J
20	316	13.0	69	J	14.0	5	111	-4.9	12.9	0.3	2	J
21	310	11.1	51	J	13.7	-5	101	-2.5	13.1	-1.6	3	J
22	312	12.8	41	J	13.4	-8	108	-4.1	12.5	-2.0	2	J
23	296	11.3	44	J	13.2	-5	111	-4.6	11.9	-1.2	3	J
24	314	10.3	45	J	13.9	0	110	-4.7	12.9	-0.2	2	J

92-07-22 - 92-08-03

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					JUL. 22, 1992 (204)							
1	332	11.5	75	J	13.1	13	116	-5.4	11.1	2.4	3	J
2	338	18.5	72	J	10.5	-8	91	-0.2	10.2	-2.1	1	J
3	343	17.4	68	J								
4												
5												
6												
7												
8	395	19.9	59	J	14.7	-43	139	-6.8	2.6	-10.0	8	J
9	399	26.0	67	J	12.9	-52	103	-1.1	1.9	-7.3	10	J
10	396	22.1	61	J	12.2	-19	123	-5.7	6.6	-6.9	5	J
11	400	21.3	44	J	12.8	-42	127	-5.3	3.0	-10.1	5	J
12	398	19.9	34	J	13.6	-79	112	-1.0	-3.4	-13.1	1	J
13	409	17.2	104	J	12.3	30	147	-7.8	6.8	2.8	7	J
14	425	15.4	102	J	11.6	68	317	2.7	1.2	9.4	6	J
15	470	13.2	114	J	12.8	74	242	-1.5	1.2	11.4	5	J
16	487	12.2	255	J	11.7	62	171	-3.8	2.7	6.7	9	J
17	532	12.3	448	J	13.8	4	124	-7.0	10.3	-1.6	6	J
18	540	11.5	414	J	16.0	15	135	-9.3	9.8	1.8	8	J
19	596	10.1	354	J	16.0	-29	128	-7.8	9.0	-8.2	7	J
20	609	10.1	371	J	15.0	33	144	-9.1	7.1	6.8	7	J
21	646	9.9	356	J	13.2	21	125	-5.2	7.6	3.2	9	J
22	629	8.4	335	J	12.2	12	136	-8.2	7.9	2.3	4	J
23	639	8.3	329	J	11.9	14	128	-6.3	8.1	2.4	6	J
24	640	7.4	297	J	10.7	25	129	-5.1	6.3	3.6	6	J
					JUL. 23, 1992 (205)							
1	680	4.2	146	J	6.1	21	125	-2.9	4.3	1.8	3	J
2	681	3.9	134	J	5.9	-4	117	-2.4	4.8	-0.7	2	J
3	681	4.1	160	J	5.8	-1	103	-1.2	5.0	-0.7	3	J
4	681	3.8	132	J	5.5	14	95	-0.4	4.6	0.4	3	J
5	662	3.9	160	J	5.1	-12	152	-3.4	1.6	-1.2	3	J
6	653	4.0	180	J	5.3	19	159	-4.1	1.9	1.1	3	J
7	646	3.6	187	J	4.9	2	150	-3.9	2.2	-0.6	2	J
8	622	3.5	292	J	4.6	-1	184	-4.2	-0.3	0.0	2	J
9	592	3.3	314	J	4.2	-3	176	-4.0	0.2	-0.3	1	J
10												
11												
12												
13	553	2.3	79	J	4.9	-13	167	-4.4	0.5	-1.4	1	J
14					4.6	-10	129	-2.7	2.8	-2.0	2	J
15					4.6	-15	131	-2.9	2.7	-2.2	1	J
16	530	2.0	54	J	5.4	-14	138	-3.9	3.0	-2.3	0	J
17	525	2.2	49	J	5.5	-18	134	-3.6	3.2	-2.6	1	J
18	523	2.3	56	J	5.9	-20	131	-3.6	3.7	-2.7	1	J
19	536	2.4	58	J	5.2	-24	128	-2.8	3.2	-2.4	2	J
20					5.0	-19	140	-3.5	2.8	-1.8	1	J
21					5.2	-35	160	-3.8	1.3	-2.9	1	J
22	473	4.4	57	J	5.5	-34	135	-2.7	2.6	-2.6	3	J
23	461	5.6	56	J	4.0	-24	131	-1.0	1.2	-0.7	4	J
24	458	5.7	65	J	4.0	11	170	-3.3	0.6	0.6	2	J
					JUL. 24, 1992 (206)							
1	455	6.1	72	J	5.0	22	180	-4.5	0.1	1.8	2	J
2	454	6.8	56	J	4.6	9	91	-0.1	4.4	0.3	1	J
3	453	6.6	69	J	4.6	7	107	-1.3	4.2	0.0	2	J
4	447	5.6	59	J	5.3	10	120	-2.5	4.4	0.1	1	J
5	439	5.4	67	J	6.4	32	158	-4.8	2.6	2.7	2	J
6	416	6.6	40	J	4.8	33	115	-1.5	3.7	1.3	2	J
7	414	6.5	26	J	5.2	10	75	1.2	4.5	-0.6	2	J
8	399	6.8	28	J	5.1	22	91	-0.1	3.9	0.1	3	J
9	421	6.9	25	J	5.3	1	68	1.8	4.1	-1.7	2	J
10	428	7.3	40	J								
11												
12												
13												
14												
15	433	9.6	59	J	6.4	10	117	-2.2	4.3	-0.7	4	J
16	432	10.3	75	J	6.1	27	154	-3.4	2.1	1.3	5	J
17	410	9.8	53	J	7.2	2	198	-6.4	-1.9	0.7	2	J
18	437	8.1	74	J	5.9	17	93	-0.1	2.8	0.3	5	J
19	429	8.1	60	J	5.9	17	78	1.1	5.1	0.9	2	J
20	436	6.1	42	J	6.2	-4	42	4.1	3.6	-0.7	2	J
21	420	5.0	32	J	6.3	-3	54	3.1	4.3	-0.5	3	J
22	424	6.1	47	J	4.9	-17	51	2.0	2.4	-1.0	4	J
23	421	7.5	54	J	4.5	6	232	-2.0	-2.5	0.4	3	J
24												
					JUL. 30, 1992 (212)							
1												
2												
3												
4												
5												
6												
7												
8												
9	365	26.0	32	J	5.0	-49	214	-2.0	-2.3	-1.9	3	J
10	369	28.4	25	J	5.5	-40	218	-3.1	-3.6	-1.9	2	J
11	365	28.0	32	J	5.6	-55	186	-1.5	-1.2	-1.9	5	J
12	364	26.4	26	J	5.8	-27	221	-3.4	-3.7	-0.7	3	J
13	360	31.0	22	J	4.9	-59	270	0.0	-2.9	-1.8	4	J
14	366	25.8	41	J	6.0	-17	116	-1.8	2.8	-2.7	5	J
15	368	24.9	46	J	6.8	28	109	-1.5	5.0	0.6	4	J
16	372	22.8	56	J	6.3	-6	296	1.8	-3.6	0.8	5	J
17	373	17.6	52	J	8.5	-10	302	4.0	-6.5	0.5	3	J
18	366	19.3	52	J	8.5	11	297	3.3	-6.0	2.8	4	J
19	370	19.6	62	J	7.9	1	309	4.4	-5.3	1.0	4	J
20	373	18.7	67	J	6.3	-20	319	3.6	-3.3	-1.3	4	J
21	376	15.2	70	J	6.0	-4	320	4.1	-3.5	-0.1	2	J
22												
23	373	14.5	47	J	9.1	22	318	5.9	-5.1	3.5	3	J
24	385	14.8	68	J	8.7	21	315	5.3	-5.1	3.2	3	J
					JUL. 31, 1992 (213)							
1	397	16.0	73	J	7.3	2	133	-3.3	3.6	-0.1	6	J
2	395	16.1	82	J	7.1	19	310	3.6	-4.0	2.4	4	J
3	396	14.9	70	J	7.7	53	300	2.2	-2.8	6.3	3	J
4												
5	408	12.7	75	J	6.0	-33	328	4.1	-3.3	-2.4	2	J
6	417	12.8	101	J	3.5	13	332	2.3	-1.0	1.0	2	J
7	449	12.5	89	J	5.6	8	332	4.5	-2.0	1.5	2	J
8	444	11.8	89	J	6.7	-21	355	6.0	-1.4	-1.9	2	J
9	441	13.0	121	J	7.5	-21	342	5.9	-2.7	-1.3	4	J
10	427	11.7	87	J	8.1	15	330	6.1	-2.3	3.3	3	J
11	437	13.7	60	J	8.2	4	289	1.9	-4.8	3.0	6	J
12	451	17.0	54	J	8.8	-3	220	-6.6	-5.1	2.2	2	J
13	437	20.4	74	J	9.5	9	221	-6.6	-4.5	3.8	4	J
14	420	20.4	51	J	8.9	13	256	-1.9	-6.2	4.9	4	J
15	420	18.8	57	J	9.5	60	230	-2.5	-0.1	7.5	5	J
16	414	16.9	72	J	9.0	43	125	-3.6	6.8	3.7	3	J
17	405	13.6	89	J	8.6	-12	310	2.0	-2.5	0.0	8	J
18	410	12.3	116	J	8.5	-25	304	4.0	-6.5	-1.9	3	J
19	421	10.0	206	J	8.5	47	355	5.1	0.5	5.5	4	J
20	418	10.6	220	J	9.1	18	328	6.4	-3.6	2.9	5	J
21	419	9.8	177	J	7.9	9	292	2.7	-6.5	1.7	3	J
22	445	9.9	140	J	8.2	19	284	1.6	-6.4	2.8	4	J
23					8.7	-13	285	2.2	-8.3	-1.4	1	J
24	468	7.4	92	J	7.7	-33	275	0.5	-6.3	-3.5	2	J
					AUG. 1, 1992 (214)							
1	480	8.3	81	J	6.4	26	317	3.4	-3.0	2.6	4	J
2	492	8.3	70	J	5.8	47	304	1.7	-2.1	3.6	4	J
3	483	6.8	70	J	5.5	-27	296	2.0	-4.3	-1.6	2	J
4	491	7.2	77	J	4.7	-12	286	0.9	-3.3	0.0	3	J
5	498	7.9	70	J	4.0	-55	282	0.4	-2.3	-1.9	3	J
6					4.3	-8	306	2.1	-2.9	0.4	2	J
7	474	7.5	75	J	4.6	15	323	2.9	-1.7	1.7	2	J
8	488	7.7	62	J	4.2	57	282	0.4	-0.5	3.3	3	J
9	480	7.1	62	J	4.0	-21	284	0.7	-2.8	0.2	3	J
10	472	7.1	71	J	4.1	0	4	1.9	0.1	-0.1	4	J
11	480	7.0	46	J	4.4	-32	282	0.7	-3.7	-0.3	2	J
12	457	7.5	29	J	4.0	0	300	1.2	-1.8	1.0	3	J
13	460	7.1	43	J	4.4	-24	330	3.2	-2.4	-0.6	2	J
14					4.3	-10	335	2.5	-1.3	0.1	3	J
15					4.2	2	305	1.9	-2.4	1.2	3	J
16					4.1	-9	287	1.0	-3.1	0.6	3	J
17												
18					4.7	33	29	3.4	2.5	2.0	1	J
19	452	5.9	33	J	4.6	29	2	2.6	0.4	1.4	3	J
20	445	5.4	44	J	4.4	1	313	2.8	-3.0	0.5	2	J
21	437	6.1	64	J	4.7	-2	307	2.5	-3.3	0.2	2	J
22	432	5.8	81	J	4.5	-5	337	3.6	-1.5	-0.2	2	J
23	424	5.9	92	J	4.5	-18	5	4.0	0.3	-1.3	2	J
24	420	6.2	114	J	4.4	8	5	4.0	0.4	0.5	2	J
					AUG. 2, 1992 (215)							
1	398	7.0	213	J	4.5	12	360	4.3	0.1	0.9	1	J
2	382	8.5	141	J	4.4	7	353	4.1	-0.4	0.6	1	J
3	399	5.0	44	J	4.1	8	341	3.6	-1.1	0.7	1	J
4	402	4.7	21	J	4.4	-7	343	4.1	-1.3	-0.2	1	J
5	405	4.6	24	J	4.0	9	335	3.2	-1.3	0.9	2	J
6	402	5.0	28	J	4.3	5	335	3.4	-1.4	0.8	2	J
7	396	4.8	39	J	4.2	-5	342	3.7	-1.2	0.1	2	J
8	415	5.2	27	J	4.3	-22	283	0.8	-3.7	0.1	2	J
9	396	4.9	40	J	4.2	-12	331	3.4	-2.1	0.1	1	J
10	394	5.0	36	J	4.2	-5	315	2.7	-2.5	0.9	2	J
11	390	5.4	45	J	4.1	10	329	3.0	-1.3	1.4	2	J
12	399	5.7	21	J	3.9	-18	293	1.4	-3.4	0.5	1	J
13	396	6.3	27	J	4.2	7	300	1.9	-2.8	2.0	2	J
14					4.5	22	323	3.0	-1.4	2.4	2	J
15												
16	386	6.0	27	J	4.5	-5	289	1.3	-3.7	1.0	2	J
17	386	6.2	20	J	4.5	-24	298	1.9	-3.9	-0.7	1	J
18	386	7.1	15	J	4.5	-48	295	1.2	-3.3	-2.5	1	J
19	375	8.6	29	J	5.0	-14	282	1.0	-4.7	-0.3	1	J
20	384	7.6	17	J	4.4	13	289	1.3	-3.7	1.5	1	J
21	371	6.6	40	J	4.5	-18	321	3.2	-2.7	-1.1	1	J
22	368	5.1	16	J	5.1	-22	336	4.2	-2.0	-1.7	1	J
23	363	4.9	23	J	5.1	-17	344	4.7	-1.5	-1.4	1	J
24	364	5.1	38	J	5.1	-12	354	4.8	-0.6	-1.0	1	J
					AUG. 3, 1992 (216)							
1	353	5.7	47	J	5.6	-10	357	5.5	-0.4	-0.9	1	J
2	351	5.5	50	J	5.5	-6	356	5.4	-0.4	-0.5	1	J
3	350	4.7	48	J	4.8	1	355	4.7	-0.4	0.2	1	J
4	353	4.8	41	J	4.7	9	352	4.3	-0.4	0.8	1	J
5	353	6.7	40	J	5.3	21	341	4.5	-1.0	2.2	1	J
6	360	8.1	20	J	4.9	-2	294	1.8	-3.9	1.2	2	J
7	349	9.0	37	J	4.5	6	323	3.3	-2.2	1.3	1	J
8	352	8.8	28	J	4.6	12	324	2.9	-1.6	1.6	3	J
9	350	8.7	30	J	4.8	27	9	4.0	1.5	1.6	2	J
10	346	9.0	36	J	5.1	28	357	4.2	0.8	2.1	1	J
11	344	9.5	48	J	4.8	12	9	4.4	1.1	0.5	1	J
12	340	10.1	55	J	4.7	-7	12	4.4	0.6	-0.9	1	J
13	339	9.8	51	J	4.4	-4	4	4.0	0.1	-0.4	2	J
14	340	9.4	30	J	4.4	-13	22	3.6	0.9	-1.4	2	J
15	343	10.6	15	J	4.5	-35	58	1.9	1.8	-3.5	1	J
16	333	11.1	24	J	4.6	-10	38	3.5	2.3	-1.7	1	J
17	328	10.8	20	J	5.1	1	22	4.5	1.8	-0.5	1	J
18	330	8.5	17	J	4.7	-10	4	4.5	0.1	-0.9	1	J
19	329	10.3	13	J	4.9	-21	23	4.0	1.4	-2.0	1	J
20	328	8.8	15	J	4.0	-2	7	3.7	0.4	-0.2	2	J
21	325	8.3	17	J	4.0	15	350	3.5	-0.5	1.0	2	J
22	332	10.4	12	J	4.2	2	296	1.7	-3.4	0.4	2	J
23	330	9.8	12	J	4.0	10	300	1.9	-3.2	0.9	1	J
24	336	10.6	15	J	2.8	7	321	2.1	-1.7	0.5	1	J

92-08-04 - 92-08-17

AUG. 4, 1992 (217)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	338	10.2	13	J	2.6	11	348	2.4	-0.5	0.5	1	J
2	363	21.9	29	J	3.0	24	333	2.2	-1.0	1.2	2	J
3												
4												
5												
6												
7	356	26.1	15	J	4.8	18	306	2.6	-2.8	2.7	1	J
8	340	25.4	11	J	4.6	26	321	3.1	-1.5	2.8	1	J
9					4.7	-4	304	2.5	-3.4	1.3	2	J
10					5.1	-27	267	-0.2	-4.9	0.1	1	J
11	329	24.8	13	J	4.4	9	319	2.6	-1.7	1.6	3	J
12	323	25.0	14	J	3.9	9	326	2.8	-1.4	1.4	2	J
13	327	29.9	11	J	3.6	-32	297	1.4	-3.3	-0.4	1	J
14	328	29.9	15	J	4.9	-39	350	3.4	-1.8	-2.2	2	J
15	348	59.7	32	J	12.4	0	294	4.9	-10.1	4.5	4	J
16	355	73.9	76	J	13.5	-30	335	9.0	-6.0	-3.9	8	J
17	350	67.1	62	J	14.5	-31	331	10.6	-7.8	-5.1	5	J
18	352	54.1	62	J	15.0	-23	307	7.3	-10.7	-2.6	7	J
19	353	46.8	56	J	15.4	29	247	-3.2	-6.6	6.0	12	J
20	363	43.3	59	J	15.4	14	283	2.6	-10.5	4.4	10	J
21	376	43.0	102	J	11.6	-25	147	-3.8	2.2	-2.4	11	J
22	385	34.6	141	J	12.8	62	38	3.2	3.2	7.3	10	J
23	386	24.5	89	J	14.7	77	25	3.0	2.6	14.0	3	J
24	382	21.4	75	J	14.2	73	350	4.1	0.5	13.5	2	J

AUG. 5, 1992 (218)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	386	27.8	61	J	12.6	31	85	0.3	3.4	1.6	12	J
2	385	41.9	37	J	11.4	-49	105	-1.9	5.9	-9.5	2	J
3	382	39.8	11	J	13.8	-54	104	-2.0	5.7	-12.4	1	J
4	384	30.5	16	J	13.9	-54	111	-2.9	4.8	-12.7	1	J
5	387	19.5	22	J	14.1	-41	108	-3.3	7.1	-11.6	2	J
6												
7												
8												
9												
10												
11												
12												
13												
14	401	9.1	131	J								
15												
16												
17												
18												
19												
20												
21	372	14.6	49	J								
22	368	17.0	25	J								
23	370	15.2	47	J								
24	369	18.6	45	J								

AUG. 6, 1992 (219)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	376	18.8	35	J								
2	378	17.1	24	J								
3	373	10.4	33	J								
4	370	12.3	28	J								
5	400	20.1	73	J								
6	417	26.1	46	J								
7	410	31.2	18	J								
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

AUG. 13, 1992 (226)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18					3.8	-16	343	0.9	-0.4	-0.2	4	J
19					3.7	14	346	3.2	-0.5	1.0	1	J
20	549	9.6	96	J	3.1	-17	356	2.6	-0.4	-0.7	2	J
21	550	7.8	163	J	2.3	-7	356	2.2	-0.2	-0.2	1	J
22	541	6.0	211	J	4.1	-12	333	3.0	-1.6	-0.5	2	J
23	540	4.8	280	J	3.1	-24	307	1.4	-1.9	-0.8	2	J
24	532	4.3	275	J	4.5	-68	120	-0.6	0.6	-3.0	4	J

AUG. 14, 1992 (227)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4					6.9	37	137	-4.0	4.7	2.9	1	J
5					5.6	24	145	-3.5	2.9	1.0	3	J
6					5.1	-36	104	-0.6	1.7	-2.8	4	J
7	474	4.7	65	J	6.4	41	48	3.0	4.6	2.2	3	J
8	468	10.2	840	J	6.9	51	65	1.8	5.8	3.0	1	J
9					7.5	46	72	1.6	6.8	2.3	1	J
10					8.7	34	68	2.7	8.1	0.8	1	J
11	488	15.8	548	J	9.5	15	66	3.7	8.4	-2.2	1	J
12					9.9	6	78	2.0	8.7	-4.0	1	J
13	441	7.5	9	J	9.7	3	87	0.5	8.5	-4.4	1	J
14	439	7.7	11	J	9.5	-11	79	1.7	7.0	-5.8	2	J
15	439	8.3	13	J	9.7	-18	86	0.6	6.7	-6.5	2	J
16	442	7.5	14	J	9.7	-44	91	-0.1	3.6	-8.6	3	J
17	459	6.6	19	J	9.8	-7	70	2.9	7.0	-3.6	5	J
18	442	5.3	21	J	9.3	54	76	1.3	7.2	5.7	1	J
19	429	5.3	18	J	9.0	40	120	-3.2	6.7	3.9	3	J
20	374	4.6	27	J	9.0	26	149	-6.8	4.7	3.0	2	J
21	379	4.5	31	J	9.1	26	149	-6.9	4.7	3.2	1	J
22	379	4.4	28	J	8.8	32	148	-6.3	4.5	4.0	1	J
23	361	4.4	24	J	8.7	21	160	-7.4	3.1	2.6	2	J
24	353	5.4	31	J	9.3	11	149	-7.7	4.8	1.1	2	J

AUG. 15, 1992 (228)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	352	5.0	19	J	9.4	12	155	-7.6	3.8	1.2	4	J
2	381	4.6	20	J	9.4	60	206	-3.8	-0.4	7.6	4	J
3	411	5.1	25	J	8.5	32	105	-1.5	6.2	2.2	5	J
4	409	7.0	20	J	8.6	30	128	-4.5	6.7	2.5	1	J
5	369	7.9	68	J	8.8	9	161	-8.0	3.1	0.4	2	J
6	384	9.1	37	J	8.4	-12	155	-7.1	2.5	-2.8	2	J
7	420	13.9	27	J	6.4	-38	164	-3.5	-0.3	-3.0	5	J
8	414	10.2	43	J	6.0	-20	295	2.2	-5.0	0.5	3	J
9	415	10.2	51	J	5.9	40	315	2.7	-0.8	4.1	3	J
10	408	10.3	59	J	6.3	16	335	5.0	-1.2	2.5	3	J
11	407	10.1	61	J	6.3	-13	328	5.0	-3.4	0.5	1	J
12	413	9.7	63	J	6.3	-11	307	3.2	-4.2	1.3	3	J
13	416	8.2	35	J	7.2	6	302	3.4	-4.3	3.3	3	J
14	423	8.0	83	J	7.3	21	346	6.2	-0.2	2.9	2	J
15	422	8.4	112	J	7.0	13	337	6.1	-1.6	2.5	2	J
16	422	8.9	109	J	6.9	8	330	5.7	-2.7	2.2	2	J
17	435	8.0	93	J	5.9	-4	331	5.0	-2.7	0.6	1	J
18	432	8.3	129	J	5.7	-1	340	5.2	-1.8	0.5	1	J
19	432	7.3	85	J	6.7	-32	315	3.8	-4.5	-2.4	2	J
20	443	7.1	51	J	5.9	-37	327	3.7	-3.0	-2.8	2	J
21					8.4	-18	331	6.4	-3.9	-1.8	6	J
22					5.6	-25	301	2.6	-4.6	-1.7	1	J
23	452	6.7	82	J	5.8	-4	334	4.6	-2.3	0.0	3	J
24	451	7.7	68	J	6.2	20	354	5.4	-0.3	2.0	2	J

AUG. 16, 1992 (229)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	449	7.1	57	J	5.6	9	4	5.1	0.5	0.7	2	J
2												
3												
4												
5												
6												
7	449	9.4	108	J	5.7	-17	334	3.2	-1.9	-0.3	4	J
8												
9					8.9	-40	240	-3.4	-7.9	-2.1	0	J
10					8.8	0	294	2.6	-5.0	2.9	6	J
11												
12					7.9	-21	268	-0.2	-7.2	1.3	3	J
13	466	9.8	45	J	7.5	-5	243	-2.7	-4.9	2.2	5	J
14	476	10.0	46	J	7.0	3	227	-4.6	-4.1	2.7	2	J
15	461	8.8	53	J	5.4	16	258	-0.9	-3.2	2.9	3	J
16	463	7.8	30	J	5.9	13	256	-1.3	-4.3	3.2	2	J
17	450	8.1	72	J	5.2	5	303	2.0	-2.8	1.4	4	J
18	458	7.3	37	J	6.3	14	285	1.5	-4.9	3.0	2	J
19	442	7.1	106	J	4.9	12	323	3.6	-2.4	1.6	2	J
20	442	6.0	95	J	5.0	3	355	4.8	-0.4	0.3	1	J
21	447	5.0	65	J	4.8	-9	352	4.6	-0.8	-0.6	1	J
22	440	5.0	67	J	4.2	5	350	3.7	-0.6	0.4	2	J
23	423	6.6	70	J	4.0	13	308	2.0	-2.5	1.1	2	J
24	414	7.8	63	J	4.8	-26	12	3.9	0.5	-2.0	2	J

AUG. 17, 1992 (230)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	404	7.4	40	J	5.4	13	10	4.9	1.0	1.0	2	J
2	406	7.6	39	J	5.7	27	15	4.8	1.8	2.2	1	J
3	416	7.1	58	J	5.0	9	310	2.3	-2.5	1.2	4	J
4	420	7.8	39	J	5.6	-1	240	-2.7	-4.6	1.2	1	J
5	409	6.1	115	J	6.4	5	346	6.0	-1.2	1.0	2	J
6												
7												
8												
9												
10												
11												
12	394	4.1	41	J	5.2	-5	325	4.1	-2.7	1.1	1	J
13	384	4.3	23	J	4.6	-7	304	2.2	-3.1	1.3	2	J
14	374	5.2	22	J	4.3	2	279	0.7	-3.6	2.1	1	J
15	381	5.9	19	J	4.7	13	279	0.7	-3.4	2.8	1	J
16	385	7.1	22	J	4.8	7	284	1.1	-3.9	2.3	1	J
17	391	7.8	19	J	4.8	-8	275	0.4	-4.7	1.0	1	J
18	374	7.2	19	J	4.8	-14	281	0.8	-4.2	0.2	2	J
19	372	8.3	21	J	5.0	-9	286	1.3	-4.6	0.4	1	J
20	368	8.5	21	J	5.3	3	298	2.4	-4.4	1.2	1	J
21	366	7.8	15	J	5.5	15	311	3.4	-3.6	2.1	1	J
22	362	9.1	21	J	5.3	2	317	3.8	-3.5	0.7	1	J
23	363	9.8	19	J	5.4	-2	301	2.7	-4.5	0.5	1	J
24	361	11.2	20	J	5.9	-7	304	3.3	-4.9	0.0	1	J

92-08-18 - 92-08-30

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV-B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I SC	MF
AUG. 18, 1992 (231)													
1	359	12.1	27	J	5.8	-15	303	2.9	-4.7	-0.7	1	J	
2	367	13.4	16	J	6.3	5	296	2.7	-5.3	1.6	1	J	
3	358	13.7	28	J	6.4	14	315	4.3	-3.8	2.5	1	J	
4	360	15.5	32	J	6.4	15	324	4.4	-2.6	2.3	3	J	
5	370	16.1	39	J	7.0	37	337	4.4	-0.6	4.0	4	J	
6	387	14.6	18	J	7.7	25	319	4.7	-2.7	4.3	3	J	
7	380	23.2	26	J	3.9	37	319	1.9	-0.7	2.5	3	J	
8	377	22.9	20	J	3.9	22	282	0.7	-2.3	2.7	2	J	
9	378	22.5	24	J	2.8	73	264	-0.1	0.5	2.2	2	J	
10	381	20.7	29	J	4.1	23	208	-1.9	-0.4	1.3	4	J	
11	379	20.1	25	J	4.7	33	64	1.2	3.1	0.2	3	J	
12	380	18.8	26	J	3.8	-46	104	-0.5	0.5	-2.6	3	J	
13	374	17.4	20	J	3.4	7	181	-2.9	0.1	0.3	2	J	
14	374	15.6	26	J	3.6	-15	14	3.0	0.3	-1.1	2	J	
15	373	15.2	35	J	4.1	-23	8	3.6	-0.2	-1.6	1	J	
16					3.7	-2	15	3.1	0.7	-0.4	2	J	
17													
18													
19													
20													
21													
22	354	13.4	23	J	6.9	17	278	0.6	-4.0	2.0	5	J	
23	351	12.9	21	J	6.8	8	113	-2.6	6.2	0.0	1	J	
24	345	12.9	16	J	6.7	14	118	-3.1	5.9	0.7	1	J	

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I SC	MF
AUG. 19, 1992 (232)													
1													
2													
3	347	11.3	27	J	4.6	-8	137	-3.3	2.8	-1.3	1	J	
4	340	12.2	18	J	4.4	-64	257	-0.3	-1.8	-2.0	4	J	
5	337	14.1	20	J	3.7	-69	227	0.0	-0.1	-0.2	4	J	
6	344	14.8	24	J	3.9	29	137	-2.4	2.8	0.8	1	J	
7	351	16.0	17	J	4.8	12	150	-4.1	2.5	-0.1	1	J	
8	355	14.3	18	J	5.2	-2	154	-4.5	1.9	-1.2	1	J	
9	361	15.4	10	J	5.1	6	135	-3.6	3.4	-1.3	0	J	
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV-B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I SC	MF
AUG. 25, 1992 (238)													
1													
2													
3													
4													
5													
6													
7													
8													
9	468	6.3	62	J									
10	466	5.2	52	J									
11	459	5.5	51	J									
12	455	5.6	61	J									
13	458	6.1	42	J									
14	452	6.2	38	J	5.5	-8	4	5.2	-0.1	-0.8	2	J	
15	456	6.8	37	J	5.1	-11	8	5.0	0.2	-1.2	0	J	
16	456	8.9	29	J	4.5	-9	7	4.4	0.2	-0.9	0	J	
17													
18					4.4	0	358	4.4	-0.1	0.0	1	J	
19	444	11.4	52	J	4.8	-1	359	4.8	-0.1	-0.1	1	J	
20	446	13.1	62	J	4.9	6	356	4.8	-0.2	0.6	1	J	
21	445	12.6	63	J	4.4	-9	348	4.0	-1.0	-0.5	1	J	
22	442	15.6	47	J	4.9	18	341	4.1	-1.1	1.7	1	J	
23	438	13.7	48	J	4.5	31	345	3.6	-0.6	2.3	2	J	
24	447	16.4	28	J	3.3	-73	227	-0.3	-0.6	-1.4	3	J	

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I SC	MF
AUG. 26, 1992 (239)													
1	438	16.4	29	J	3.4	-39	122	-1.0	1.3	-1.9	3	J	
2	426	14.4	33	J	3.9	-46	134	-1.4	0.9	-2.4	3	J	
3	413	8.9	20	J	6.8	11	123	-3.3	5.2	-0.2	3	J	
4	409	11.6	30	J	6.2	-15	132	-3.4	3.1	-2.4	3	J	
5	410	9.7	27	J	6.5	-27	137	-4.0	2.5	-3.9	2	J	
6	404	10.4	26	J	6.4	-24	125	-3.0	3.0	-3.9	3	J	
7	405	11.3	23	J	6.4	-22	121	-2.8	3.2	-4.1	3	J	
8	404	10.2	20	J	5.6	-15	139	-2.9	1.7	-2.1	4	J	
9	401	18.2	31	J	5.2	32	15	3.9	2.2	1.6	2	J	
10	405	17.6	32	J	6.0	46	28	3.3	3.5	2.3	3	J	
11	407	20.3	32	J	4.0	-42	114	-0.3	0.2	-0.9	4	J	
12	410	19.1	44	J	5.5	-32	144	-1.8	0.3	-1.9	5	J	
13	401	5.8	35	J	8.7	-1	110	-2.8	6.4	-4.1	3	J	
14	414	5.9	55	J	8.5	10	117	-3.6	6.8	-2.4	3	J	
15	424	6.4	63	J	8.6	11	109	-2.6	7.5	-2.2	3	J	
16	431	6.7	56	J	8.5	19	118	-3.6	7.2	-0.5	3	J	
17	413	6.9	57	J	8.6	4	133	-5.4	5.5	-1.7	3	J	
18	416	7.2	57	J	8.8	12	124	-4.4	6.8	-0.5	4	J	
19	468	6.7	48	J	8.9	8	116	-3.5	7.2	-0.9	4	J	
20					8.9	42	134	-4.4	5.8	4.5	2	J	
21	427	6.5	66	J	9.4	21	129	-4.9	6.6	1.7	4	J	
22	440	6.6	67	J	9.4	32	125	-4.1	6.6	3.4	4	J	
23	428	6.6	60	J	9.3	19	133	-5.2	5.9	1.6	5	J	
24	419	6.3	58	J	9.3	21	137	-5.9	6.0	2.1	3	J	

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV-B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I SC	MF
AUG. 27, 1992 (240)													
1	415	7.1	63	J	9.4	12	136	-6.2	6.2	0.6	3	J	
2	426	8.2	65	J	9.2	13	122	-4.2	6.9	0.3	4	J	
3	433	8.9	80	J	9.1	25	116	-2.8	6.4	1.4	6	J	
4	428	9.0	84	J	8.7	10	121	-3.6	6.0	-0.7	5	J	
5	428	9.3	95	J	7.9	47	140	-3.7	4.7	3.7	4	J	
6	374	12.2	75	J	7.4	43	135	-3.4	5.0	2.7	3	J	
7	442	11.7	100	J	7.3	49	132	-2.2	3.9	2.3	5	J	
8	428	12.0	110	J	7.3	28	141	-4.1	4.3	0.8	4	J	
9	428	11.9	121	J	6.8	15	125	-3.5	5.1	-1.2	3	J	
10	443	11.4	110	J	5.5	-18	265	-0.4	-4.1	1.1	4	J	
11	453	10.8	125	J	5.9	1	82	0.4	2.6	-1.6	5	J	
12	450	9.6	159	J	5.2	-73	227	-0.4	-1.5	-1.5	5	J	
13	443	8.6	328	J	6.8	-24	117	-1.8	2.0	-3.3	5	J	
14	428	7.4	167	J	6.5	-13	135	-3.9	2.7	-3.0	3	J	
15													
16													
17													
18													
19													
20													
21													
22													
23													
24					5.6	8	183	-5.4	-0.1	0.8	0	J	

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I SC	MF
AUG. 28, 1992 (241)													
1	437	18.8	39	J	6.0	4	206	-5.3	-2.4	0.9	1	J	
2	426	19.3	43	J	6.5	15	233	-3.5	-4.1	2.6	3	J	
3	421	20.4	35	J	7.0	25	225	-4.3	-3.4	3.9	2	J	
4	438	14.1	56	J	7.5	37	183	-5.9	1.1	4.3	1	J	
5	422	19.3	61	J	3.9	40	205	-2.6	-0.3	2.7	2	J	
6	415	24.4	37	J	2.0	29	175	-1.7	0.5	0.8	1	J	
7													
8													
9													
10													
11													
12	376	7.3	32	J	6.9	-12	170	-6.6	0.2	-1.8	1	J	
13	380	7.4	44	J	6.8	-4	175	-6.5	0.2	-0.7	1	J	
14	376	7.5	34	J	7.2	17	184	-6.7	0.6	2.0	2	J	
15	381	7.9	45	J	6.6	21	179	-5.7	1.1	1.9	2	J	
16	393	5.7	47	J	6.4	7	152	-5.6	3.0	-0.6	1	J	
17	388	5.7	30	J	6.0	0	139	-4.5	3.6	-1.5	1	J	
18					5.3	-3	139	-3.8	3.1	-1.3	2	J	
19	374	8.3	20	J	4.7	-10	116	-1.8	3.3	-1.7	2	J	
20	371	10.4	18	J	4.8	-23	110	-1.5	3.6	-2.8	1	J	
21	361	12.2	19	J	4.7	-23	105	-1.1	3.6	-2.5	1	J	
22	377	14.0	13	J	4.6	-18	93	-0.2	3.7	-2.0	2	J	
23	360	15.1	35	J	4.7	-15	130	-2.4	2.6	-1.5	3	J	
24	364	20.3	18	J	5.4	-19	100	-0.9	4.4	-2.6	2	J	

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV-B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I SC	MF
AUG. 29, 1992 (242)													
1	374	26.3	16	J	5.7	-17	89	0.1	4.7	-2.6	2	J	
2	373	30.2	22	J	6.6	-19	99	-0.9	5.1	-3.3	3	J	
3													
4													
5													
6													
7													
8													
9													
10													
11					4.5	9	139	-3.2	2.7	-1.0	1	J	
12					4.4	-5	127	-2.6	2.7	-2.2	1	J	
13	415	8.8	43	J	3.3	16	120	-1.4	2.6	-0.6	2	J	
14	414	8.1	37	J	4.4	38	111	-1.1	3.8	0.6	2	J	
15	413	8.6	46	J	3.7	32	187	-2.8	0.5	1.7	2	J	
16	415	9.0	85	J	4.5	27	172	-3.9	1.4	1.6	1	J	
17	417	8.9	67	J	4.5	21	159	-3.4	1.7	0.8	2	J	
18	409	8.2	47	J	4.6	5	162	-3.9	1.3	-0.1	2	J	
19	411	7.5	35	J	4.5	0	148	-3.6	2.2	-0.6	1	J	
20	411	7.5	28	J	4.4	0	137	-3.1	2.8	-0.7	1	J	
21	412	7.5	31	J	4.6	8	135	-3.2	3.2	0.0	1	J	
22	406	7.1	34	J	4.5	6	142	-3.4	2.7	-0.1	1	J	
23	399	8.3	29	J	4.7	8	131	-3.1	3.6	0.0	1	J	
24	390	9.1	22	J	5.0	8	123	-2.6	4.1	-0.1	1	J	

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I SC	MF
AUG. 30, 1992 (243)													
1	383	9.5	19	J	4.8	17	119	-2.2	4.2	0.5	0	J	
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23	345	18.2	20	J	3.5	37	122	-1.2	2.3	1.4	2	J	
24	353	18.0	21	J	3.3	57	111	-0.5	1.7	1.9	2	J	

92-08-31 - 92-09-12

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					AUG. 31, 1992 (244)							
1	347	19.6	19	J	3.3	78	83	0.1	1.3	2.9	1	J
2	350	20.4	17	J	2.6	66	113	-0.3	1.2	1.7	2	J
3	349	19.1	15	J	3.8	44	104	-0.6	3.1	1.7	2	J
4	345	20.0	10	J	4.4	-71	33	1.0	-0.5	-3.6	2	J
5	344	19.6	10	J	3.9	5	285	0.9	-2.8	1.4	2	J
6	346	20.3	15	J	2.2	34	308	0.9	-0.6	1.3	2	J
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19					3.5	21	58	1.7	2.9	0.4	1	J
20					3.7	22	64	1.5	3.2	0.6	1	J
21					3.6	20	60	1.3	2.3	0.4	2	J
22												
23												
24												
					SEP. 7, 1992 (251)							
1	531	5.2	84	J	6.8	13	94	-0.4	5.5	0.0	4	J
2	523	4.9	83	J	6.2	1	119	-2.0	3.5	-0.8	4	J
3	537	5.1	98	J	6.5	14	98	-0.8	5.7	-0.3	3	J
4	539	5.0	95	J	6.3	28	98	-0.6	5.1	0.8	4	J
5	520	5.1	92	J	6.2	25	140	-3.1	3.2	0.8	4	J
6	555	5.1	102	J	6.7	22	76	1.1	5.0	-0.3	4	J
7	556	4.6	96	J	6.6	11	80	1.0	5.5	-1.7	3	J
8	551	4.7	123	J	6.7	38	180	-3.2	1.3	2.2	5	J
9	529	4.3	98	J	7.4	37	131	-3.2	5.2	1.1	4	J
10					7.1	4	120	-3.3	5.0	-2.8	3	J
11	510	4.6	99	J	7.0	-19	115	-2.2	2.9	-4.2	4	J
12	566	4.0	91	J	6.1	0	81	0.7	3.6	-2.4	4	J
13	531	4.1	162	J	6.0	-17	102	-1.0	3.2	-3.9	3	J
14					5.8	11	74	1.3	4.3	-1.6	3	J
15	506	3.8	132	J	5.4	15	83	0.4	3.0	-0.7	4	J
16												
17					6.2	-5	76	1.4	5.0	-2.7	2	J
18					5.9	4	99	-0.9	5.3	-1.5	2	J
19												
20												
21												
22	535	2.9	58	J	6.2	-31	25	4.7	1.5	-3.5	1	J
23	497	3.1	41	J	6.5	-17	86	0.4	5.0	-2.7	3	J
24	474	3.5	89	J	5.9	-14	110	-1.4	3.6	-1.8	4	J
					SEP. 9, 1992 (253)							
1	426	4.2	68	J	6.1	35	152	-4.3	3.0	2.8	2	J
2	493	7.8	177	J	9.5	-16	109	-2.3	5.8	-3.6	7	J
3	549	15.1	823	J	13.7	-31	190	-8.9	-3.1	-4.8	9	J
4	567	16.9	576	J	12.1	26	104	-2.3	10.4	1.3	6	J
5	589	16.4	290	J	15.2	11	82	2.0	14.2	-2.9	4	J
6												
7												
8												
9												
10												
11	557	34.6	55	J	20.6	-57	186	-10.8	-10.4	-13.2	5	J
12	546	23.6	83	J	25.0	-23	126	-12.8	9.3	-17.5	8	J
13	540	21.6	80	J	22.5	-10	107	-6.4	15.4	-14.7	4	J
14	534	21.6	72	J	18.8	11	106	-5.1	16.9	-6.2	3	J
15	519	24.7	44	J	14.1	46	141	-7.2	9.7	5.5	5	J
16	514	22.4	52	J	12.6	30	91	-0.2	11.7	0.7	5	J
17	524	19.3	35	J	13.4	70	32	3.7	6.8	10.0	4	J
18	516	14.4	31	J	14.3	12	41	9.6	8.8	-0.4	6	J
19					14.8	-8	47	9.9	9.5	-5.1	1	J
20	504	10.3	17	J	14.4	-9	49	9.3	9.7	-4.9	1	J
21	495	10.2	15	J	14.1	-12	44	9.9	8.6	-5.0	2	J
22	485	15.8	22	J	13.6	-11	43	9.8	8.4	-4.4	1	J
23	492	13.7	21	J	14.4	-8	44	10.3	9.3	-4.0	1	J
24	484	16.2	24	J	13.9	-13	46	9.3	8.8	-5.0	2	J
					SEP. 11, 1992 (255)							
1	401	6.1	26	J	10.1	-57	322	4.2	-5.0	-7.2	3	J
2	394	7.5	51	J	9.9	-47	301	3.2	-6.8	-5.0	4	J
3	401	6.0	37	J	9.7	-53	265	-0.5	-7.4	-5.3	4	J
4	403	3.7	13	J	9.8	-56	263	-0.7	-7.7	-5.7	2	J
5	385	4.6	34	J	9.4	-72	329	2.3	-4.4	-6.9	4	J
6	383	4.8	31	J	8.4	-61	332	3.2	-4.3	-5.1	4	J
7					8.7	-61	277	0.5	-7.3	-4.7	0	J
8												
9												
10												
11												
12												
13												
14												
15												
16					10.6	-72	308	2.0	-6.6	-7.7	3	J
17					10.1	-49	316	4.4	-6.7	-4.8	4	J
18					9.8	-49	309	3.9	-7.0	-5.0	2	J
19					9.5	-35	276	0.6	-6.7	-2.1	6	J
20	383	10.7	39	J	9.5	-48	281	1.2	-7.7	-5.1	2	J
21	382	10.9	39	J	9.4	-18	274	0.6	-8.8	-0.7	3	J
22	390	11.1	51	J	8.4	6	271	0.1	-7.4	2.4	3	J
23	377	9.8	25	J	7.8	25	251	-2.2	-5.5	4.3	3	J
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					SEP. 6, 1992 (250)							
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21					7.8	-2	152	-4.6	2.3	-0.7	5	J
22	491	5.6	91	J	7.2	-4	175	-5.8	0.4	-0.5	4	J
23	502	5.1	76	J	7.1	-18	193	-4.4	-1.3	-1.2	5	J
24	503	4.7	80	J	6.4	-20	146	-4.1	2.3	-2.3	3	J
					SEP. 8, 1992 (252)							
1	488	3.2	59	J	6.1	3	115	-2.3	4.9	-0.8	3	J
2	479	2.4	32	J	6.9	-2	108	-2.1	6.1	-1.8	2	J
3					6.8	-11	113	-2.5	5.3	-2.9	1	J
4												
5												
6					6.7	-24	135	-3.7	2.3	-3.7	4	J
7					6.4	-9	124	-3.4	4.0	-3.3	1	J
8	487	3.0	18	J	5.9	-47	101	-0.7	1.0	-5.0	3	J
9	488	3.6	21	J	6.4	-39	84	0.5	1.8	-5.6	2	J
10	488	3.6	21	J	6.5	-5	93	-0.3	4.9	-4.0	1	J
11	482	4.1	40	J	6.2	-7	101	-1.2	4.5	-4.0	1	J
12					6.4	5	100	-1.1	5.4	-3.0	1	J
13	504	6.2	249	J	7.0	-4	102	-1.4	5.3	-4.0	1	J
14					6.8	-20	83	0.8	4.1	-5.2	1	J
15												
16					6.6	3	95	-0.5	5.7	-2.4	2	J
17					6.7	10	99	-1.0	6.2	-1.4	2	J
18	462	4.2	26	J	6.4	6	100	-1.0	5.6	-1.4	2	J
19					6.3	18	125	-3.0	4.6	0.3	3	J
20					6.2	14	122	-2.7	4.5	0.1	4	J
21					5.9	1	123	-3.2	4.8	-1.0	1	J
22	431	3.7	32	J	6.0	-3	116	-2.5	5.0	-1.4	2	J
23	440	3.3	33	J	6.1	-15	115	-2.4	4.7	-2.5	2	J
24	441	3.6	29	J	6.3	8	131	-3.6	4.3	-0.1	3	J
					SEP. 10, 1992 (254)							
1	479	13.8	17	J	14.0	-32	54	6.9	7.6	-9.3	2	J
2	486	17.6	16	J	12.7	-43	60	4.5	5.4	-10.1	4	J
3												
4												
5												
6					11.9	-18	31	9.6	3.6	-5.8	1	J
7												
8												
9												
10												
11	468	9.6	28	J	13.3	-29	22	10.7	-0.1	-7.7	2	J
12	443	11.3	47	J	13.1	-32	15	10.6	-1.5	-7.2	3	J
13	448	13.8	29	J	12.0	-43	16	8.3	-2.4	-8.0	2	J
14	444	14.0	24	J	11.4	-47	11	7.3	-3.0	-7.5	3	J
15	445	9.1	19	J	12.1	-49	13	7.6	-2.8	-8.7	3	J
16	442	6.2	16	J	11.9	-51	4	7.4	-3.6	-8.4	2	J
17	441	5.5	10	J	11.7	-52	2	7.1	-3.4	-8.5	1	J
18	433	6.1	21	J	11.4	-50	358	7.3	-3.2	-8.0	2	J
19	425	5.9	29	J	12.0	-57	358	6.3	-3.1	-9.1	3	J
20	427	6.2	41	J	11.6	-54	345	6.4	-4.0	-8.4	2	J
21	418	6.1	39	J	11.5	-56	333	5.6	-4.9	-8.4	2	J
22	413	6.5	40	J	11.1	-52	321	5.3	-6.0	-7.6	2	J
23	414	6.2	32	J	11.2	-59	332	4.6	-4.2	-8.1	5	J
24	430	6.6	24	J	10.5	-61	286	1.3	-6.4	-7.7	3	J
					SEP. 12, 1992 (256)							
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18	347	10.8	41	J	5.1	27	4	2.6	0.6	1.2	4	J
19	339	10.7	38	J	5.2	-10	327	4.0	-2.8	0.0	2	J
20					5.5	-23	329	4.0	-2.9	-1.3	2	J
21	342	11.0	47	J	5.7	-26	303	2.7	-4.6	-1.4	2	J
22	346	10.9	35	J	5.8	-2	309	3.1	-3.8	0.6	3	J
23	351	10.5	29	J	5.2	9	319	2.5	-2.0	1.0	4	J
24	339	10.3	28	J	5.9	-2	310	3.7	-4.3	0.7	1	J

92-09-13 - 92-09-24

SEP. 13, 1992 (257)

HR	VEL	DEN	TEMP/ 1000	PLS SC
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20	333	30.6	35	J
21	334	30.1	39	J
22	328	24.3	25	J
23	347	31.5	34	J
24	345	33.1	35	J

SEP. 18, 1992 (262)

HR	VEL	DEN	TEMP/ 1000	PLS SC
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24	606	5.3	100	J

SEP. 19, 1992 (263)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV MAGN	B GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	600	5.5	96	J	6.3	-10 339	5.2	-2.2	-0.5	3	J	
2	596	5.2	93	J	6.0	9 354	5.4	-0.3	1.0	2	J	
3												
4	594	5.3	122	J	7.3	7 309	4.1	-4.4	2.5	3	J	
5	563	6.0	260	J	7.9	26 353	6.3	0.5	3.2	3	J	
6					7.3	28 17	5.9	3.1	2.1	2	J	
7												
8												
9												
10					5.8	26 200	-2.2	0.0	1.4	5	J	
11												
12	606	5.2	121	J								
13	601	5.6	122	J	5.3	8 67	1.8	3.9	-1.8	3	J	
14	609	5.5	125	J	4.8	30 339	2.0	0.0	1.5	4	J	
15					4.9	71 348	1.4	1.8	3.9	2	J	
16												
17												
18												
19												
20												
21												
22	546	4.6	48	J	6.4	4 354	6.1	-0.5	0.6	2	J	
23	545	4.7	49	J	6.9	-4 339	6.1	-2.4	0.0	2	J	
24	527	5.2	47	J	8.3	21 356	7.6	0.1	3.0	1	J	

SEP. 20, 1992 (264)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV MAGN	B GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	515	5.3	55	J	7.5	22 346	6.6	-1.0	3.0	2	J	
2	494	6.4	65	J	7.6	13 325	5.2	-3.1	2.4	4	J	
3	489	7.9	102	J	7.0	24 327	5.0	-2.3	3.5	3	J	
4												
5					7.3	17 340	2.1	-0.4	0.9	7	J	
6	507	8.4	71	J	7.0	-10 331	3.9	-2.3	0.3	5	J	
7	506	8.5	78	J	6.9	-20 309	3.7	-5.1	0.4	3	J	
8	517	8.4	75	J	6.9	-12 289	1.5	-4.3	1.5	5	J	
9	511	8.5	68	J	6.1	18 306	2.7	-2.3	3.3	4	J	
10	503	7.6	82	J	5.8	-6 322	3.6	-2.6	1.2	4	J	
11	520	8.2	84	J	6.3	-6 292	1.6	-3.6	1.9	5	J	
12	503	7.9	83	J	6.3	6 339	4.7	-1.2	1.5	4	J	
13					5.8	-12 349	5.5	-1.5	-0.4	1	J	
14	497	7.2	50	J	6.1	-14 11	5.7	0.2	-1.8	1	J	
15	506	6.5	66	J	7.3	21 342	6.2	-0.5	3.2	2	J	
16	505	6.0	61	J	7.1	7 320	4.9	-3.4	2.6	3	J	
17												
18					6.8	2 330	5.5	-2.9	1.3	2	J	
19					6.6	-3 332	5.6	-3.0	0.6	2	J	
20												
21												
22					6.4	14 324	4.9	-3.1	2.2	2	J	
23					6.2	11 348	5.9	-1.0	1.4	1	J	
24												

SEP. 21, 1992 (265)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV MAGN	B GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9	459	5.6	80	J	6.3	9 344	5.8	-0.9	1.7	2	J	
10	469	5.0	175	J	6.1	5 326	4.7	-2.3	2.2	2	J	
11	515	4.6	60	J	5.6	-1 287	1.5	-4.0	2.7	3	J	
12	480	4.2	71	J	6.1	6 320	4.5	-2.8	2.6	2	J	
13	476	3.9	65	J	6.2	11 317	4.4	-2.8	3.2	1	J	
14	469	4.4	50	J	6.1	3 313	4.1	-3.6	2.6	1	J	
15	464	4.4	46	J	6.0	8 315	4.1	-3.1	2.7	1	J	
16	463	4.7	48	J	6.0	-8 322	4.6	-3.6	0.9	1	J	
17	466	4.4	42	J	6.7	-3 320	5.0	-4.0	1.4	1	J	
18					6.6	2 310	4.1	-4.5	1.9	2	J	
19												
20					6.9	-24 283	1.4	-6.7	-1.1	1	J	
21	451	7.2	40	J	6.9	-38 230	-3.4	-4.9	-3.1	1	J	
22	443	7.3	30	J	7.0	-46 247	-1.9	-5.4	-3.9	1	J	
23												
24												

SEP. 22, 1992 (266)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV MAGN	B GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5	433	8.0	71	J	7.2	17 318	3.8	-2.5	2.8	5	J	
6	432	6.9	63	J	7.5	32 321	4.6	-1.7	5.0	3	J	
7	425	7.9	91	J	7.2	-2 324	4.7	-3.1	1.5	4	J	
8	426	8.8	73	J	7.3	34 320	4.3	-1.1	5.1	3	J	
9	431	8.1	69	J	6.9	7 307	3.5	-3.5	3.2	4	J	
10	421	7.3	56	J	6.8	21 334	4.2	-0.7	2.6	5	J	
11	405	6.2	37	J	6.1	-8 23	5.3	1.4	-1.9	2	J	
12	418	9.7	113	J	7.5	17 359	6.8	1.1	1.8	2	J	
13	446	11.2	107	J	8.4	19 317	4.6	-2.4	4.2	5	J	
14	458	13.5	105	J	8.5	7 301	3.7	-4.8	4.0	4	J	
15	463	15.1	93	J	8.9	16 317	5.3	-3.3	4.2	5	J	
16					9.3	8 302	4.7	-6.1	4.4	3	J	
17	476	14.3	140	J	9.6	16 311	5.7	-5.0	4.9	3	J	
18					8.5	29 307	4.3	-3.9	5.7	3	J	
19	501	11.7	146	J	7.4	-1 285	1.5	-5.4	1.6	5	J	
20	499	12.5	166	J	6.5	11 14	2.4	0.7	0.3	6	J	
21	520	11.1	137	J	7.4	36 261	-0.6	-3.1	3.6	6	J	
22	506	9.9	154	J	7.4	-6 289	1.8	-5.4	0.6	5	J	
23	509	8.5	161	J	7.1	-7 290	0.9	-2.4	0.2	7	J	
24												

SEP. 23, 1992 (267)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV MAGN	B GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8	510	4.8	151	J	5.5	13 302	2.6	-3.0	3.2	2	J	
9	506	4.8	138	J	5.3	11 335	4.6	-1.3	2.0	1	J	
10	498	4.3	88	J	5.5	18 331	4.3	-1.1	2.7	2	J	
11	505	4.8	62	J	4.9	-43 330	2.8	-3.0	-1.5	2	J	
12	501	4.3	54	J	4.5	-27 307	2.4	-3.7	0.1	1	J	
13												
14												
15												
16												
17												
18	400	5.7	57	J	5.8	3 348	5.3	-1.0	0.7	2	J	
19	462	6.5	48	J	6.5	-3 238	-2.7	-4.2	1.1	4	J	
20	437	6.2	75	J	6.4	14 286	1.7	-5.3	3.0	1	J	
21	447	6.6	92	J	5.7	10 307	3.2	-3.9	1.9	2	J	
22	467	7.8	122	J	5.5	34 317	3.0	-2.2	3.3	2	J	
23	484	9.7	69	J								
24												

SEP. 24, 1992 (268)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV MAGN	B GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8	392	9.2	45	J	6.2	13 300	2.9	-3.6	3.8	2	J	
9	391	9.0	38	J	6.5	20 289	1.9	-3.4	4.8	2	J	
10	393	8.5	35	J	5.9	-2 275	0.5	-4.9	3.1	2	J	
11	397	9.9	63	J	5.3	10 297	2.2	-3.1	3.2	2	J	
12	400	9.9	56	J	6.7	25 242	-2.0	-1.9	3.7	5	J	
13	398	10.1	51	J	6.8	16 297	2.8	-3.6	4.5	2	J	
14	395	10.4	56	J	6.6	2 311	4.1	-3.9	2.7	2	J	
15	386	10.7	70	J	6.3	12 323	4.8	-2.6	2.9	1	J	
16												
17	407	10.9	109	J	7.2	15 344	6.6	-1.0	2.4	1	J	
18					7.0	18 342	5.0	-0.9	2.2	4	J	
19					6.9	20 348	6.0	-0.5	2.5	2	J	
20	403	9.2	83	J	6.3	10 348	5.6	-0.9	1.3	2	J	
21	391	10.1	72	J	4.9	-13 307	2.6	-3.6	-0.2	2	J	
22	406	10.6	59	J	6.5	21 312	2.9	-2.8	2.3	5	J	
23	421	11.4	45	J	6.4	-1 278	0.7	-5.1	1.0	4	J	
24												

SEP. 25, 1992 (269)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19					9.7	-1	255	-2.5	-9.0	2.7	1	J
20					8.5	3	269	-0.1	-7.2	2.4	4	J
21					6.8	26	285	1.5	-4.8	4.0	3	J
22					7.1	37	339	4.6	-0.9	4.0	4	J
23					8.1	25	16	7.0	2.7	2.9	2	J
24					6.6	5	9	6.1	1.1	0.3	2	J

OCT. 2, 1992 (276)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17					8.4	9	153	-6.6	3.6	-0.2	4	J
18					8.4	10	120	-4.0	7.0	-1.0	2	J
19					8.0	8	141	-5.7	4.7	-0.4	3	J
20					8.2	7	136	-5.6	5.5	-0.5	2	J
21					7.8	11	124	-4.1	6.2	0.0	2	J
22					7.4	6	137	-5.3	5.0	-0.3	1	J
23												
24												

OCT. 3, 1992 (277)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2					7.2	3	121	-3.6	5.9	-1.2	2	J
3					7.1	6	125	-4.1	5.7	-1.0	1	J
4					6.9	7	126	-4.0	5.5	-1.1	1	J
5					6.7	2	121	-3.4	5.4	-2.0	1	J
6					6.6	7	127	-3.9	5.1	-1.6	1	J
7					6.6	-1	123	-3.6	4.8	-2.8	1	J
8					7.1	1	123	-3.8	5.1	-2.9	1	J
9					7.2	2	126	-4.2	5.0	-3.0	0	J
10					7.1	0	122	-3.8	5.0	-3.4	0	J
11					7.8	-3	117	-3.5	5.5	-4.3	1	J
12					7.7	-1	117	-3.5	5.6	-3.9	1	J
13					7.6	4	122	-4.0	5.6	-3.0	1	J
14					7.4	3	122	-3.9	5.6	-2.9	1	J
15					7.2	0	124	-4.0	5.2	-2.9	1	J
16					7.3	3	133	-4.9	4.9	-1.9	1	J
17					7.1	19	171	-6.4	1.8	1.7	2	J
18					7.2	20	177	-6.5	1.1	2.1	2	J
19					7.7	-21	119	-3.4	5.1	-4.4	2	J
20					7.6	-14	126	-4.3	5.2	-3.3	1	J
21					7.6	-17	130	-4.7	4.9	-3.4	1	J
22					7.5	-19	136	-5.0	4.3	-3.4	2	J
23					7.4	-14	138	-5.3	4.3	-2.7	1	J
24												

OCT. 4, 1992 (278)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7	449	4.8	51	J	4.8	36	276	0.4	-1.8	3.8	2	J
8	457	5.8	64	J	6.5	47	248	-1.6	-1.0	6.0	2	J
9					6.5	55	247	-1.4	0.0	6.1	2	J
10					6.4	46	214	-3.7	0.5	5.2	1	J
11	444	7.3	23	J	7.0	47	175	-4.6	3.1	3.8	2	J
12	443	7.7	14	J	7.3	36	164	-5.6	3.7	2.6	1	J
13	437	3.3	20	J	8.0	37	175	-6.3	3.0	3.7	1	J
14	454	2.5	92	J	8.3	27	193	-7.1	0.5	4.0	1	J
15					8.3	31	177	-7.0	2.3	3.5	1	J
16					8.6	27	174	-7.5	2.4	3.1	2	J
17					8.7	28	176	-7.6	2.0	3.5	1	J
18					8.7	26	173	-7.7	2.2	3.2	1	J
19	406	2.5	59	J	8.9	25	169	-7.8	2.5	3.1	1	J
20					9.7	22	162	-8.4	3.5	2.8	2	J
21	393	1.6	7	J	10.1	23	168	-9.0	2.7	3.4	1	J
22					9.6	-3	170	-9.0	1.5	-0.8	3	J
23	391	1.7	9	J	9.9	-1	164	-9.2	2.6	-0.7	2	J
24	396	2.1	16	J	9.8	9	159	-8.8	3.6	0.8	2	J

OCT. 5, 1992 (279)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	402	2.2	10	J	9.5	7	148	-7.7	5.0	0.0	2	J
2					9.2	4	149	-7.7	4.6	-0.6	2	J
3	391	2.4	18	J	8.9	8	151	-7.5	4.3	-0.1	2	J
4	391	4.9	24	J	7.9	23	166	-6.6	2.5	2.2	3	J
5	396	7.2	26	J	7.6	28	188	-6.3	0.5	3.5	2	J
6	411	6.9	26	J	7.7	46	167	-4.9	3.3	4.2	2	J
7												
8												
9												
10												
11												
12												
13												
14	388	6.3	47	J	7.1	33	194	-5.0	0.6	3.5	4	J
15	364	7.6	42	J	7.6	11	177	-7.2	1.0	1.0	2	J
16	365	6.1	20	J	7.5	-3	203	-6.4	-2.6	0.8	3	J
17	382	7.3	54	J	8.0	-23	160	-6.5	1.1	-3.6	3	J
18	368	4.8	37	J	8.6	4	153	-6.9	3.5	-0.7	4	J
19	353	2.7	25	J	9.5	-5	163	-8.9	2.4	-1.6	2	J
20	344	2.7	39	J	9.5	-18	171	-8.7	0.6	-3.1	2	J
21	350	3.5	53	J								
22	345	3.6	46	J								
23												
24	369	5.8	32	J								

OCT. 6, 1992 (280)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2	408	5.4	39	J								
3	379	4.4	32	J	7.6	-3	127	-4.6	5.7	-2.2	0	J
4	406	5.2	30	J	7.3	-15	102	-1.4	5.4	-3.8	3	J
5	371	5.4	81	J	5.6	4	185	-5.0	-0.3	0.5	2	J
6	381	5.2	66	J	6.3	7	197	-5.8	-1.3	1.4	1	J
7	389	4.2	58	J	6.9	-6	196	-5.9	-1.8	0.3	3	J
8	383	3.9	30	J	6.9	-6	177	-6.8	-0.1	-0.8	1	J
9					6.8	-14	177	-6.5	-0.6	-1.5	1	J
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20					5.7	-8	152	-5.0	2.4	-1.4	0	J
21					5.6	10	149	-4.3	2.7	0.3	3	J
22					5.3	-11	162	-4.8	1.3	-1.3	2	J
23					5.1	-20	168	-4.5	0.6	-1.8	1	J
24	330	4.9	9	J	5.0	-25	184	-4.5	-0.7	-2.0	0	J

OCT. 7, 1992 (281)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	321	3.1	10	J	4.2	-15	197	-3.8	-1.4	-0.8	1	J
2	325	3.3	17	J	3.8	7	182	-3.6	0.0	0.5	1	J
3	331	4.8	15	J	4.8	-22	167	-3.9	0.4	-1.8	2	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18	395	14.9	20	J	3.1	-20	305	1.7	-2.6	-0.2	1	J
19	392	14.8	16	J	2.7	-36	276	0.2	-2.4	-0.9	1	J
20	384	15.8	14	J	2.3	-47	231	-0.9	-1.5	-1.3	1	J
21					2.7	44	280	0.3	-1.4	2.1	1	J
22	388	14.6	33	J	3.3	61	300	0.8	-0.7	2.9	1	J
23	381	14.4	12	J	2.5	59	266	-0.1	-0.7	2.1	2	J
24	390	22.6	16	J	2.8	-16	214	-2.0	-1.5	-0.4	1	J

OCT. 8, 1992 (282)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19					7.2	-15	245	-1.7	-3.7	0.0	6	J
20					7.7	6	262	-1.0	-6.7	2.5	3	J
21												
22	413	37.7	37	J								
23	415	36.9	40	J								
24	407	45.4	29	J								

92-10-09 - 92-10-20

OCT. 9, 1992 (283)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4	392	50.2	35	J								
5	386	44.0	31	J								
6	385	43.3	27	J								
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

OCT. 13, 1992 (287)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21	604	11.8	333	J	12.9	-12	298	5.4	-10.5	-0.3	5	J
22	624	14.2	451	J	10.7	24	323	5.9	-3.8	4.1	7	J
23	609	11.6	334	J	13.4	12	312	8.4	-8.7	4.3	3	J
24	614	9.6	381	J	11.7	-8	310	6.8	-8.3	0.0	5	J

OCT. 14, 1992 (288)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	633	9.4	369	J	11.0	0	301	4.7	-7.6	1.6	6	J
2	636	7.7	245	J	10.4	2	315	6.7	-6.4	1.9	4	J
3	644	6.8	223	J	9.4	7	314	5.7	-5.4	2.6	5	J
4	629	6.4	217	J	9.2	9	329	7.2	-3.7	2.7	3	J
5	619	5.4	413	J	7.4	10	355	6.8	-0.1	1.3	2	J
6	669	4.7	198	J	6.0	8	298	2.0	-3.2	2.2	4	J
7	683	5.5	277	J	6.1	-4	290	1.7	-4.2	1.9	3	J
8	659	6.3	200	J	7.0	-14	301	2.9	-4.9	1.2	4	J
9	669	6.2	264	J	7.2	-13	299	3.0	-5.3	1.7	3	J
10	659	7.0	223	J	8.0	11	298	2.7	-3.7	3.7	5	J
11	640	6.0	234	J	8.2	6	293	2.3	-4.2	3.5	6	J
12	620	4.9	78	J	8.3	10	352	7.3	-0.2	1.7	3	J
13	623	6.1	117	J	9.0	9	336	6.8	-2.0	2.6	5	J
14	630	6.5	189	J	9.2	1	4	5.0	0.3	-0.1	8	J
15	646	5.2	156	J	9.0	19	318	5.8	-3.4	4.8	3	J
16					9.7	0	323	7.5	-5.2	2.3	2	J
17					9.0	9	336	7.2	-2.5	2.3	4	J
18					8.8	-15	354	6.7	-1.2	-1.5	5	J
19	608	6.3	146	J								
20					8.6	-5	329	6.4	-3.9	0.3	4	J
21					8.5	-26	338	6.8	-3.4	-2.9	3	J
22												
23	715	5.6	548	J	5.5	-23	269	-0.1	-3.9	-0.9	4	J
24	718	5.9	599	J	7.0	-2	12	5.3	1.1	-0.4	5	J

OCT. 15, 1992 (289)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	775	6.0	350	J	8.0	3	10	5.2	1.0	0.1	6	J
2	726	6.0	430	J	7.2	-23	339	5.8	-2.8	-2.1	3	J
3	724	5.4	504	J	6.3	-6	1	4.7	-0.1	-0.5	4	J
4	729	5.2	333	J	7.2	24	345	5.6	-0.6	3.0	3	J
5	736	4.6	372	J	6.6	-17	355	4.2	-0.8	-1.1	5	J
6	733	4.6	310	J	6.9	9	2	5.3	0.5	0.7	4	J
7	735	4.6	300	J	7.2	-8	328	5.0	-3.2	0.7	4	J
8	720	4.3	381	J	6.8	9	340	5.3	-1.2	1.7	4	J
9	711	4.5	346	J	6.9	-30	358	5.3	-1.8	-2.5	3	J
10	696	4.0	189	J	7.2	-4	335	5.6	-2.4	1.1	3	J
11	684	4.9	136	J	7.3	-7	329	5.0	-2.9	1.0	4	J
12	694	5.3	155	J	6.9	-17	347	4.3	-1.6	-0.6	5	J
13	677	5.5	152	J	7.4	17	357	5.8	0.7	1.7	4	J
14	676	5.5	174	J	7.4	6	327	4.9	-2.5	2.1	4	J
15												
16												
17												
18												
19												
20												
21												
22	705	5.1	155	J	7.4	-10	295	2.5	-5.5	-0.1	4	J
23	685	5.1	115	J	7.7	-4	314	4.2	-4.4	0.3	5	J
24												

OCT. 16, 1992 (290)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	701	4.4	113	J	6.4	-72	2	1.2	-0.7	-3.6	5	J
2	692	4.7	159	J	6.8	-37	300	2.3	-4.6	-2.4	4	J
3	666	4.2	142	J	6.1	-25	339	4.3	-2.2	-1.6	3	J
4	670	3.7	47	J	6.9	-13	13	6.4	0.9	-1.9	2	J
5	654	3.3	149	J	5.8	-28	331	3.6	-2.7	-1.3	3	J
6	641	3.7	158	J	6.0	-24	306	2.5	-3.9	-0.3	4	J
7	672	3.3	96	J	5.9	-35	288	1.0	-3.9	-0.6	4	J
8	648	3.8	167	J	6.0	-16	310	2.8	-3.6	0.6	4	J
9	605	4.6	242	J	6.1	-12	353	5.5	-1.2	-0.6	2	J
10	618	4.4	126	J	6.7	-18	328	4.6	-3.4	0.1	4	J
11	653	3.8	108	J	5.6	20	268	-0.1	-2.6	3.4	4	J
12	613	3.5	80	J	5.1	5	356	4.6	-0.1	0.5	2	J
13	615	3.7	79	J	5.5	6	348	4.3	-0.5	0.9	3	J
14	625	3.9	83	J	5.6	-19	305	2.5	-3.9	0.4	3	J
15	656	3.9	76	J	5.0	49	262	-0.2	-0.4	1.6	5	J
16	633	4.6	67	J	5.2	7	282	0.9	-3.8	2.3	2	J
17	627	5.3	66	J	6.5	-26	259	-0.9	-5.2	-0.5	4	J
18	610	4.4	73	J	6.3	13	291	1.7	-3.9	2.4	4	J
19	584	5.2	218	J	6.3	6	318	3.7	-3.1	1.4	4	J
20	573	4.2	93	J	6.8	16	331	5.5	-2.5	2.4	2	J
21	573	4.4	151	J	6.5	23	343	5.4	-1.1	2.7	2	J
22					6.5	18	335	5.4	-2.1	2.4	2	J
23												
24												

OCT. 17, 1992 (291)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8	618	5.4	76	J	6.7	42	314	3.3	-0.8	5.4	2	J
9	615	5.6	126	J	6.8	11	284	1.5	-4.5	4.2	2	J
10	611	5.7	137	J	6.6	-32	290	1.7	-5.5	-0.1	3	J
11	588	5.8	187	J	6.1	-19	333	4.1	-2.6	-0.2	4	J
12	591	5.8	172	J	6.0	-35	331	3.2	-2.8	-1.2	4	J
13	577	6.0	201	J	5.9	19	333	4.5	-1.1	2.7	2	J
14	559	7.0	279	J	5.7	-8	346	5.0	-1.4	0.0	2	J
15	582	5.9	157	J	5.5	-13	5	4.6	-0.1	-1.1	3	J
16	588	6.1	137	J	6.7	19	22	4.1	2.1	0.7	5	J
17	575	5.0	176	J	6.7	16	349	6.0	-0.5	2.1	2	J
18	585	4.7	109	J	5.9	-25	347	4.0	-1.5	-1.5	4	J
19	588	4.2	88	J	5.6	-8	317	3.6	-3.4	0.2	3	J
20	575	4.5	49	J	6.1	-4	347	5.8	-1.4	-0.1	1	J
21	573	4.1	59	J	5.7	6	339	5.2	-1.8	1.0	1	J
22												
23												
24												

OCT. 19, 1992 (293)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9					7.6	16	284	1.8	-5.0	5.5	1	J
10	426	13.1	49	J	7.2	2	301	3.4	-4.7	3.3	3	J
11	417	12.1	73	J	6.5	19	333	4.9	-1.1	2.9	3	J
12	417	13.0	97	J	5.9	-16	328	3.7	-2.6	0.2	4	J
13					6.3	8	48	4.0	4.3	-1.6	2	J
14	422	12.5	48	J	6.6	2	32	4.8	2.7	-1.3	3	J
15												
16	410	14.6	64	J	8.3	14	1	6.7	0.8	1.5	5	J
17	423	14.4	63	J	9.5	4	338	6.0	-2.1	1.3	7	J
18	426	12.3	85	J	9.2	-6	319	5.8	-5.0	0.8	5	J
19	427	11.6	96	J	8.1	14	309	4.5	-4.9	3.2	3	J
20	430	12.8	131	J	6.0	-26	312	3.5	-4.3	-1.6	2	J
21	422	11.9	95	J	7.9	10	314	4.9	-4.8	2.2	3	J
22	437	11.7	82	J	8.4	-3	290	2.8	-7.8	0.9	2	J
23												
24												

OCT. 20, 1992 (294)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18	463	6.3	46	J	5.0	-10	263	-0.5	-4.1	0.5	3	J
19	450	6.8	80	J	4.6	-1	290	1.4	-3.7	0.9	2	J
20												
21												
22	433	5.4	85	J	5.3	-16	348	4.6	-1.2	-1.2	2	J
23												
24												

OCT. 21, 1992 (295)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2	447	6.9	49	J	5.8	-5	284	1.3	-5.3	0.7	2	J
3	436	6.8	59	J	5.8	9	280	0.8	-4.4	2.0	3	J
4	421	7.3	62	J	5.9	-5	283	1.2	-5.0	1.1	3	J
5					5.4	14	292	1.7	-3.5	2.6	3	J
6					11.5	8	343	9.2	-2.0	2.4	7	J
7					9.8	14	325	6.4	-3.1	3.8	7	J
8					7.9	11	314	5.0	-3.9	3.8	3	J
9					8.9	20	320	5.8	-2.8	4.9	4	J
10					10.2	28	331	7.1	-1.0	5.8	6	J
11					9.4	13	313	5.7	-4.2	4.9	4	J
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

OCT. 26, 1992 (300)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24	393	6.1	105	J	11.4	-20	135	-7.0	6.4	-4.5	4	J

OCT. 27, 1992 (301)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	410	6.7	69	J	13.2	5	117	-5.7	11.1	-0.7	4	J
2	432	7.3	124	J	14.1	-34	106	-3.0	8.8	-9.1	5	J
3	437	8.4	184	J	12.9	-15	116	-4.4	8.1	-4.7	8	J
4	463	10.3	148	J	13.7	33	126	-6.2	10.1	4.1	5	J
5	485	12.5	248	J	9.4	-36	113	-2.8	4.5	-7.2	3	J
6	496	12.4	303	J	9.7	30	105	-1.7	7.5	1.0	6	J
7	506	13.2	441	J	7.4	-33	176	-2.6	-0.6	-1.6	7	J
8	507	12.0	483	J	6.8	46	140	-2.8	3.9	2.2	4	J
9	542	10.3	391	J	8.2	26	89	0.1	7.0	-0.5	4	J
10	568	9.0	279	J	8.6	16	57	4.3	6.8	-1.5	3	J
11	546	8.7	319	J	8.2	-11	71	2.1	4.6	-4.2	5	J
12	531	8.6	314	J	6.3	-18	84	0.3	2.1	-2.4	6	J
13	539	8.5	329	J	5.4	-25	46	2.1	1.2	-2.3	4	J
14	533	7.7	315	J	6.5	-19	68	1.3	2.4	-2.6	5	J
15	538	7.4	284	J	7.3	-8	61	3.1	4.7	-3.1	3	J
16	507	7.5	245	J	8.2	-11	69	2.3	5.1	-3.4	5	J
17	532	7.3	179	J	8.3	-15	43	5.3	4.0	-3.4	3	J
18	491	7.2	216	J	7.5	8	84	0.6	6.0	-0.8	4	J
19	474	7.8	203	J	8.3	35	107	-1.8	6.7	2.8	4	J
20	459	7.2	287	J	6.5	-2	112	-2.1	5.1	-1.2	3	J
21					7.0	14	113	-2.6	6.3	0.7	2	J
22												
23												
24												

OCT. 28, 1992 (302)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	496	4.9	114	J	7.1	-2	88	0.2	6.6	-1.3	2	J
2	491	5.3	151	J	7.1	4	95	-0.5	6.1	-0.7	4	J
3	445	5.3	165	J	6.9	-6	135	-4.2	4.0	-1.6	4	J
4	492	5.2	121	J	7.8	13	104	-1.7	7.2	-0.4	2	J
5	465	5.2	96	J	7.9	6	111	-2.7	6.9	-1.6	2	J
6	469	5.7	119	J	7.8	4	105	-1.9	6.8	-2.3	3	J
7	464	5.5	94	J	8.5	2	112	-3.0	6.8	-3.0	3	J
8	446	5.9	140	J	8.4	-6	122	-4.3	5.6	-4.0	2	J
9					8.4	-6	90	0.0	6.6	-4.7	2	J
10	484	5.8	93	J	8.2	-5	90	0.0	6.2	-4.4	3	J
11	452	5.5	97	J	7.8	-13	116	-3.1	4.6	-4.6	3	J
12	423	5.5	81	J	8.2	-2	132	-5.3	4.9	-3.2	2	J
13	425	6.2	100	J	8.2	-11	157	-6.6	1.8	-2.6	4	J
14	393	6.7	73	J	9.0	-9	154	-6.6	2.3	-2.5	5	J
15	403	7.4	24	J	9.9	4	118	-4.6	8.2	-3.0	1	J
16	409	8.9	43	J	8.9	2	119	-4.1	7.0	-2.5	3	J
17	407	8.5	16	J	9.7	5	324	6.0	-3.9	2.0	6	J
18	434	8.8	57	J	10.0	9	121	-5.0	8.5	-0.8	2	J
19					10.4	7	124	-5.6	8.4	-0.7	3	J
20					10.2	-3	120	-4.9	8.2	-2.1	3	J
21												
22												
23												
24												

OCT. 29, 1992 (303)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6	456	5.2	66	J	10.6	30	324	4.6	-1.8	4.3	8	J
7	447	6.2	72	J	10.4	20	119	-4.6	8.9	-0.4	3	J
8	439	6.2	82	J	10.0	-3	133	-6.2	5.7	-3.5	4	J
9	437	5.8	83	J	9.9	-1	125	-4.3	5.3	-3.1	6	J
10	457	5.4	76	J	9.8	12	102	-1.7	7.7	-2.5	5	J
11	458	5.1	83	J	9.7	11	112	-3.5	8.4	-2.8	2	J
12					9.5	23	111	-3.1	8.7	-0.8	2	J
13	469	4.5	80	J	9.3	14	117	-4.0	8.0	-1.8	2	J
14	454	5.2	75	J	9.3	9	127	-5.2	6.8	-1.9	3	J
15	476	5.3	85	J	9.4	12	127	-3.9	5.3	-0.9	7	J
16	487	5.0	93	J	8.7	-52	148	-4.2	0.1	-6.9	3	J
17	495	5.6	93	J	8.0	-58	152	-3.4	-0.2	-6.4	3	J
18	490	5.7	92	J	7.8	-47	139	-3.3	1.5	-5.3	4	J
19	488	5.7	113	J	7.5	-1	124	-3.9	5.6	-1.4	3	J
20	482	5.5	115	J	7.3	26	132	-4.3	5.2	2.2	2	J
21					7.3	10	116	-3.1	6.5	0.3	1	J
22	458	5.9	86	J	7.0	-3	157	-6.0	2.5	-0.7	3	J
23												
24												

OCT. 30, 1992 (304)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3	486	5.1	47	J	7.0	12	92	-0.2	6.8	-0.1	1	J
4	466	5.0	42	J	7.2	-9	115	-2.5	4.9	-2.4	4	J
5	460	5.1	38	J	6.9	-33	125	-3.0	2.9	-4.6	3	J
6	452	5.5	43	J	7.0	21	122	-3.3	5.8	0.2	2	J
7	439	5.4	54	J	6.9	18	127	-3.4	4.8	-0.3	3	J
8					6.6	20	132	-3.5	4.3	-0.1	4	J
9	439	5.0	88	J	6.3	-19	157	-5.2	1.0	-2.8	2	J
10												
11												
12												
13	440	4.4	64	J	6.3	-40	146	-3.7	0.4	-4.5	2	J
14					6.3	-16	133	-3.9	3.0	-3.4	2	J
15					5.7	37	130	-2.3	3.5	1.3	4	J
16	458	4.9	35	J	5.8	-7	99	-0.8	4.4	-2.4	3	J
17	438	4.9	68	J	5.8	-19	114	-2.0	3.7	-3.0	3	J
18	431	6.1	87	J	5.8	-6	125	-2.9	3.9	-1.6	3	J
19	425	5.3	59	J	5.6	-18	121	-2.5	3.7	-2.4	2	J
20	410	4.8	50	J	5.9	-7	139	-4.2	3.5	-1.3	2	J
21												
22												
23												
24												

OCT. 31, 1992 (305)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16	420	5.8	53	J	6.2	-22	129	-2.5	2.3	-2.5	5	J
17	439	5.2	37	J	6.1	7	99	-0.9	5.6	-1.1	2	J
18	427	5.3	32	J	6.0	14	110	-1.9	5.5	0.0	2	J
19	428	4.8	31	J	5.8	11	113	-2.1	5.0	0.0	2	J
20	416	5.5	33	J								
21												
22												
23												
24												

NOV. 1, 1992 (306)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17	388	17.3	43	J	9.4	4	124	-4.5	6.6	-1.5	5	J
18	383	17.8	27	J	9.3	15	128	-4.9	6.7	0.5	4	J
19	395	20.1	30	J	8.7	26	100	-0.7	4.4	1.1	7	J
20	387	20.7	37	J	7.9	76	209	-1.6	0.4	7.3	3	J
21	380	19.5	41	J	7.3	6	102	-1.3	6.1	-0.2	4	J
22	409	30.1	83	J	9.7	-54	157	-3.3	0.8	-5.1	9	J
23	484	52.9	252	J	18.0	-70	72	1.6	3.4	-14.7	10	J
24												

92-11-02 - 92-11-14

NOV. 2, 1992 (307)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19					6.8	-30	170	-5.8	0.3	-3.5	0	J
20	378	11.6	160	J	6.4	-40	163	-4.4	0.7	-4.0	2	J
21	388	12.0	171	J	6.9	-14	152	-5.0	2.4	-1.7	4	J
22	377	11.0	120	J	6.5	29	127	-3.2	4.5	2.4	2	J
23	373	12.3	170	J	6.3	38	150	-3.5	2.4	3.0	4	J
24												

NOV. 8, 1992 (313)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7	431	13.7	93	J	8.2	-23	277	0.8	-7.3	0.0	4	J
8	433	14.0	89	J	8.7	-9	288	2.4	-7.1	2.0	4	J
9	436	10.8	69	J	7.7	-7	248	-2.5	-5.9	2.1	4	J
10	444	10.9	65	J	7.8	2	274	0.5	-6.4	3.7	2	J
11	438	11.0	78	J	7.3	17	352	6.6	0.1	2.2	2	J
12	437	9.3	77	J	5.9	16	353	5.2	0.1	1.6	2	J
13	433	7.6	67	J	5.7	3	19	5.2	1.7	-0.5	2	J
14					5.2	6	26	4.6	2.2	-0.4	1	J
15	449	8.0	57	J	4.7	9	20	4.2	1.7	0.1	1	J
16	448	8.5	72	J	5.1	12	342	4.3	-1.0	1.4	2	J
17	448	9.2	75	J	4.9	-3	242	-1.7	-3.2	0.7	3	J
18	452	10.3	110	J	4.4	12	225	-2.4	-2.1	1.2	3	J
19	458	10.5	117	J	6.2	0	298	2.4	-4.5	0.8	3	J
20					5.7	-15	283	1.2	-5.5	-0.7	1	J
21												
22	453	9.0	29	J	9.5	-17	264	-0.9	-8.9	-2.0	2	J
23	452	13.0	29	J	8.9	-15	243	-3.4	-6.8	-1.5	4	J
24	450	20.9	33	J	6.9	4	130	-3.8	4.6	0.1	4	J

NOV. 9, 1992 (314)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	452	13.0	28	J	7.0	10	261	-0.9	-5.6	1.6	4	J
2	443	12.0	63	J	5.2	20	284	1.0	-4.0	2.1	2	J
3	447	14.7	56	J	5.9	-28	263	-0.5	-4.4	-1.5	4	J
4												
5	446	27.8	58	J	8.2	-52	237	-2.7	-5.8	-4.9	2	J
6	443	35.8	43	J	9.2	-58	202	-4.4	-4.2	-6.6	2	J
7	437	47.2	32	J	12.0	-49	150	-5.5	0.1	-8.0	8	J
8	430	30.2	29	J	18.4	-23	110	-5.8	11.3	-13.2	3	J
9	422	33.5	35	J	19.1	-26	107	-3.4	7.3	-10.0	14	J
10	408	33.3	51	J	19.2	-39	133	-8.4	3.3	-13.1	11	J
11	393	26.9	28	J	20.2	-31	134	-10.8	5.5	-13.5	9	J
12	407	23.2	71	J	22.6	-14	115	-9.1	15.0	-13.7	3	J
13	425	28.6	107	J	22.2	9	101	-3.8	19.1	-5.7	9	J
14	436	10.9	8	J	22.7	-1	109	-7.4	19.4	-9.0	2	J
15	435	12.2	16	J	23.2	0	114	-9.4	19.7	-7.6	2	J
16	427	10.2	26	J	23.9	13	108	-7.1	22.5	-1.9	3	J
17	422	8.0	23	J	23.8	23	100	-3.6	22.2	3.1	7	J
18	434	6.7	44	J	24.2	57	40	9.9	12.4	17.6	5	J
19	451	6.5	40	J	26.3	58	44	9.9	13.2	20.2	6	J
20	411	10.8	207	J	28.3	67	57	5.4	11.3	22.3	15	J
21	445	13.1	192	J	20.4	46	252	-4.0	-11.0	14.5	8	J
22	461	19.8	189	J	19.1	1	237	-7.6	-11.7	1.1	13	J
23	459	33.1	113	J	17.4	66	137	-4.4	5.0	13.2	9	J
24	467	41.3	90	J	13.0	14	295	5.2	-11.0	3.9	3	J

NOV. 10, 1992 (315)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	460	53.2	59	J	9.6	4	291	3.1	-7.9	1.3	5	J
2												
3												
4	483	12.6	179	J	7.7	-8	244	-3.0	-6.2	0.4	4	J
5	486	10.1	157	J	9.2	17	295	2.6	-4.9	3.4	7	J
6	481	11.2	95	J	10.1	-7	285	1.6	-5.8	1.2	8	J
7	458	10.4	113	J	11.0	26	322	6.2	-3.0	5.4	7	J
8	482	11.1	102	J	10.8	4	305	4.2	-5.2	3.0	8	J
9	466	10.7	88	J	10.0	23	331	7.4	-2.1	5.0	4	J
10	474	10.2	82	J	9.9	36	329	6.4	-0.9	6.6	3	J
11	466	10.3	85	J	9.2	40	345	6.3	1.0	5.6	3	J
12	481	11.7	107	J	8.7	-15	313	4.3	-4.9	0.6	6	J
13	481	11.7	119	J	7.3	17	323	4.3	-2.2	2.9	5	J
14	472	11.0	124	J	7.5	19	356	6.5	0.5	2.2	3	J
15	481	10.6	129	J	7.8	8	334	6.7	-2.7	2.1	2	J
16	502	11.3	114	J	7.4	-28	303	3.2	-5.6	-1.4	3	J
17	503	12.3	133	J	8.3	-20	345	4.6	-1.7	-1.4	7	J
18	498	13.2	137	J	9.2	32	340	4.8	-1.0	3.5	7	J
19	518	15.4	134	J	10.8	28	292	3.0	-6.7	5.5	6	J
20	532	14.7	145	J	12.3	78	35	1.6	2.3	9.2	8	J
21	549	14.2	155	J	10.7	26	73	1.4	4.7	1.9	9	J
22	598	12.1	308	J	10.6	25	293	3.0	-6.8	4.0	7	J
23	623	12.1	282	J	10.0	69	292	1.0	-2.0	7.0	7	J
24	612	12.2	306	J	9.5	32	350	4.5	-0.6	2.9	8	J

NOV. 11, 1992 (316)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	614	9.3	170	J	12.1	22	338	9.9	-3.6	4.6	4	J
2												
3												
4												
5												
6												
7												
8	665	5.3	137	J	5.9	17	6	5.1	1.1	1.2	2	J
9	656	4.9	141	J	6.2	-3	340	5.0	-1.7	0.6	3	J
10	659	5.8	189	J	6.9	7	316	4.4	-3.5	2.6	3	J
11	615	6.6	339	J	7.2	1	357	6.1	-0.2	0.2	4	J
12	632	6.0	221	J	7.5	6	19	6.2	2.2	-0.3	4	J
13	660	5.6	164	J	7.7	18	306	4.1	-4.2	4.5	2	J
14	667	5.9	255	J	6.8	10	294	2.4	-4.5	3.0	3	J
15	657	5.7	222	J	7.0	6	303	3.6	-5.0	2.6	2	J
16	663	5.2	189	J	6.6	11	10	4.1	0.9	0.5	5	J
17	662	4.9	188	J	6.4	-1	304	2.1	-3.0	0.7	5	J
18	663	4.8	171	J	6.8	5	285	1.5	-5.5	1.7	3	J
19	666	4.5	124	J	6.9	19	293	1.9	-4.1	2.3	5	J
20	629	4.2	79	J	7.3	14	317	4.7	-4.2	2.1	3	J
21	683	4.2	171	J	7.3	2	281	1.2	-6.2	0.7	4	J
22	666	4.6	182	J	6.2	40	355	4.0	-0.1	3.4	3	J
23	687	4.7	179	J	6.0	47	320	2.0	-1.5	2.9	5	J
24	671	4.5	196	J	5.6	0	325	3.9	-2.7	0.2	3	J

NOV. 12, 1992 (317)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	628	5.1	285	J	6.5	15	314	3.0	-3.0	1.4	5	J
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13					6.3	25	314	3.8	-2.5	4.0	2	J
14					6.8	-7	303	3.4	-5.1	1.3	3	J
15					5.1	-1	353	4.6	-0.6	0.1	2	J
16					5.0	24	342	3.9	-0.7	2.1	2	J
17					6.1	43	347	2.4	0.0	2.3	5	J
18	613	4.7	66	J	5.5	15	357	4.7	0.0	1.3	3	J
19					5.4	17	329	3.4	-1.9	1.5	3	J
20												
21												
22												
23					5.9	-42	115	-1.8	3.7	-4.1	1	J
24					6.8	-16	325	5.4	-3.8	-1.7	1	J

NOV. 13, 1992 (318)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17	602	4.3	111	J,	5.4	14	346	3.5	-0.6	1.1	4	J
18	622	3.1	91	J,	5.6	2	310	3.3	-3.9	1.0	2	J
19					5.4	-8	310	3.2	-3.9	-0.1	2	J
20	626	3.0	82	J	5.5	-2	304	2.8	-4.1	0.3	2	J
21					5.3	-4	305	2.8	-4.0	-0.1	2	J
22	641	3.1	125	J	5.2	-6	304	2.7	-4.1	-0.3	2	J
23												
24												

NOV. 14, 1992 (319)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4	595	5.8	166	J	5.0	-55	260	-0.3	-2.1	-2.1	4	J
5	551	4.6	73	J	4.7	5	346	3.9	-0.8	0.6	3	J
6	565	3.9	77	J	4.9	4	311	2.4	-2.5	1.1	3	J
7	554	3.9	64	J	5.7	-1	323	4.0	-2.8	1.0	3	J
8	554	4.6	49	J	5.8	22	15	4.7	1.9	1.3	3	J
9	555	5.3	102	J	6.0	17	13	5.2	1.8	1.0	2	J
10	544	4.7	47	J	6.3	2	353	6.2	-0.6	0.5	1	J
11	558	5.0	33	J	6.4	62	343	2.8	1.7	5.3	2	J
12	539	4.8	59	J	6.2	37	358	4.4	1.3	3.1	3	J
13												
14												
15												
16												
17	507	5.4	72	J	6.4	-14	319	4.3	-4.0	-0.5	3	J
18	525	5.8	89	J	5.9	4	313	3.2	-3.3	1.0	4	J
19	529	6.0	81	J	6.2	-16	18	3.3	0.9	-1.1	5	J
20	534	7.0	121	J	6.3	4	293	2.0	-4.6	0.8	4	J
21	532	6.7	89	J	6.5	48	344	3.5	-0.7	4.1	4	J
22	529	7.1	109	J	6.2	8	316	3.2	-3.1	0.8	4	J
23	534	7.4	143	J	5.5	18	325	3.7	-2.6	1.6	3	J
24												

92-11-15 - 92-11-26

NOV. 15, 1992 (320)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2	522	7.2	108	J	5.8	-17	326	4.5	-3.2	-1.4	1	J
3	516	7.1	94	J	5.7	0	332	4.3	-2.3	0.3	3	J
4	511	6.2	65	J	5.4	-3	310	2.8	-3.3	0.4	3	J
5	504	6.3	77	J	4.8	-34	304	1.8	-3.1	-1.4	3	J
6	521	6.0	109	J	5.1	7	323	3.8	-2.6	1.4	2	J
7	512	5.8	86	J	5.5	29	336	4.3	-0.9	3.1	1	J
8	510	6.1	61	J	4.7	22	318	2.8	-1.7	2.4	2	J
9	507	6.1	79	J	4.6	-9	351	3.6	-0.8	-0.3	3	J
10	509	5.6	59	J	4.5	-35	329	3.0	-2.7	-1.4	1	J
11												
12												
13												
14												
15												
16												
17												
18												
19					7.7	7	318	5.1	-4.4	1.5	4	J
20												
21												
22												
23												
24												

NOV. 20, 1992 (325)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21	353	7.9	29	J								
22	342	8.2	24	J								
23	349	11.4	12	J								
24	381	13.6	13	J								

NOV. 21, 1992 (326)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4	383	14.0	51	J	9.2	-60	342	4.1	-2.5	-7.2	3	J
5	374	13.2	52	J	8.7	-19	306	4.5	-6.6	-1.3	3	J
6	370	13.7	57	J	8.3	-27	298	3.3	-7.0	-1.8	3	J
7	362	12.8	54	J	8.3	21	295	2.8	-4.9	4.3	4	J
8	361	13.9	49	J	7.5	51	288	1.4	-2.0	6.7	2	J
9	360	12.5	44	J	7.0	54	271	0.1	-1.5	6.6	2	J
10	348	11.2	41	J	7.5	33	298	2.7	-3.2	5.5	3	J
11	347	11.2	38	J	7.4	40	291	1.9	-2.7	6.1	3	J
12	342	10.2	33	J	7.4	45	318	3.6	-1.1	5.7	3	J
13	336	9.5	25	J	7.7	39	312	3.8	-2.2	5.9	2	J
14	331	9.1	29	J	7.2	29	324	4.8	-2.2	4.3	2	J
15	327	9.1	30	J	7.0	28	329	5.1	-2.0	3.9	2	J
16	325	8.8	30	J	7.1	19	316	4.6	-3.7	3.2	2	J
17	323	8.2	41	J	7.3	12	320	5.2	-4.0	2.3	1	J
18	323	9.9	38	J	6.9	31	335	5.0	-1.8	3.6	2	J
19	328	9.7	30	J	7.0	45	343	3.9	-0.8	4.1	4	J
20	325	10.6	53	J	6.8	20	339	5.4	-1.9	2.2	3	J
21												
22												
23												
24												

NOV. 22, 1992 (327)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2	383	19.3	53	J	8.9	28	240	-3.8	-6.3	4.3	3	J
3	378	21.4	72	J	8.0	60	208	-2.7	-0.9	5.4	5	J
4	376	21.6	84	J	9.6	32	259	-1.3	-6.1	5.3	5	J
5	388	23.8	65	J	11.1	56	222	-3.3	-1.6	7.0	8	J
6	384	23.3	54	J	13.0	2	281	2.3	-11.2	3.5	5	J
7	394	31.8	94	J	9.7	55	209	-1.4	0.0	2.3	9	J
8	403	30.0	96	J	12.7	9	291	3.4	-7.8	4.6	9	J
9	424	38.0	102	J	10.4	60	286	1.0	-0.8	6.9	9	J
10	427	44.0	111	J	5.4	-3	225	-1.5	-1.4	0.5	5	J
11	442	33.5	120	J	10.9	0	126	-5.9	7.5	-3.3	4	J
12	439	28.4	94	J	10.5	-25	104	-2.3	6.6	-7.5	2	J
13	457	17.6	122	J	10.8	1	101	-1.8	8.5	-3.2	6	J
14	429	11.8	173	J	13.3	11	118	-6.0	11.5	-1.4	2	J
15	427	10.6	189	J	13.7	18	116	-5.4	11.7	0.6	5	J
16	434	7.8	173	J	14.3	11	117	-5.7	11.5	-0.4	6	J
17	422	6.7	149	J	15.7	2	113	-6.1	14.1	-2.2	2	J
18	422	8.4	249	J	13.6	7	133	-8.5	9.3	0.2	5	J
19	425	10.1	563	J	10.7	-2	154	-9.2	4.4	-0.8	3	J
20												
21												
22												
23												
24												

NOV. 23, 1992 (328)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6	448	6.3	95	J	10.9	-25	136	-7.0	5.4	-6.1	2	J
7	440	7.6	91	J	10.3	-38	153	-7.2	1.5	-7.1	2	J
8	445	8.2	111	J	9.8	-41	206	-6.6	-5.2	-4.8	1	J
9	469	13.0	72	J	8.6	-17	148	-6.2	2.8	-3.6	4	J
10	471	13.8	88	J	8.8	-10	143	-6.8	4.1	-3.4	1	J
11	449	9.2	136	J	9.1	-9	159	-8.1	2.3	-2.5	2	J
12	436	8.7	113	J	9.9	-11	155	-8.5	3.0	-3.2	2	J
13	423	7.7	76	J	10.1	-9	156	-9.0	3.2	-2.9	1	J
14	423	7.3	87	J	9.0	-2	159	-8.2	2.9	-1.3	1	J
15	439	10.9	107	J	8.7	-1	145	-6.4	4.2	-1.4	4	J
16	445	13.0	41	J	8.3	-34	112	-2.4	4.7	-5.6	3	J
17	449	13.1	36	J	8.9	-14	127	-5.1	6.3	-3.4	1	J
18	451	12.2	19	J	9.0	-4	127	-5.3	6.9	-1.6	1	J
19	451	12.3	18	J	8.5	1	126	-5.0	6.9	-0.4	1	J
20	449	13.7	13	J	8.0	0	123	-4.3	6.6	-0.3	1	J
21	448	13.2	13	J	7.9	5	139	-4.9	4.3	0.5	5	J
22	441	8.2	36	J	8.7	-15	136	-5.8	5.6	-2.1	3	J
23	442	7.4	39	J	8.9	9	132	-5.4	6.0	1.4	4	J
24	416	13.0	132	J	8.6	35	145	-5.0	3.4	4.3	5	J

NOV. 24, 1992 (329)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	447	9.6	22	J	8.2	43	168	-5.7	1.2	5.5	2	J
2	439	8.3	36	J								
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	413	5.0	56	J								
15	412	4.3	50	J	7.5	4	120	-3.6	6.2	-1.3	1	J
16	427	5.4	77	J	7.1	-10	109	-2.1	5.8	-2.6	2	J
17					7.4	-36	136	-4.1	3.2	-4.8	2	J
18												
19												
20												
21	430	5.4	94	J	6.4	-23	104	-1.2	5.0	-2.2	3	J
22	393	4.8	44	J	6.6	-3	156	-5.7	2.6	-0.3	2	J
23					7.1	29	236	-2.9	-4.4	2.8	4	J
24					7.8	9	182	-4.5	-0.2	0.7	6	J

NOV. 25, 1992 (330)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	427	2.8	32	J	7.8	18	140	-5.7	5.3	0.8	1	J
15	427	3.2	45	J	7.7	24	145	-5.7	4.7	1.9	1	J
16												
17												
18												
19												
20												
21												
22												
23												
24												

NOV. 26, 1992 (331)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16	422	3.1	33	J	6.7	29	129	-3.5	4.9	2.1	2	J
17	425	2.2	36	J	6.5	30	144	-4.4	3.7	2.6	1	J
18					6.0	25	166	-5.1	1.5	2.3	1	J
19	404	5.0	92	J	5.4	3	141	-4.0	3.3	0.1	1	J
20	411	3.9	36	J	5.4	-5	144	-4.2	3.0	-0.5	1	J
21	408	3.5	21	J	5.5	-9	143	-4.1	3.1	-0.8	2	J
22	402	3.8	22	J	5.4	9	160	-4.9	1.8	0.9	1	J
23	396	3.8	24	J	5.7	0	148	-4.7	2.9	0.1	2	J
24												

NOV. 27, 1992 (332)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21	346	3.9	22	J	6.4	-1	337	5.9	-2.5	-0.2	1	J
22	345	3.9	26	J	6.4	-7	332	5.5	-2.9	-0.9	1	J
23	365	4.5	31	J	5.9	-20	326	4.4	-2.8	-2.1	2	J
24	362	4.0	37	J	6.2	-22	334	5.1	-2.4	-2.4	2	J

NOV. 28, 1992 (333)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					6.5	-26	344	5.6	-1.5	-2.9	1	J
2	351	7.0	37	J	5.3	-22	319	3.6	-3.1	-1.9	1	J
3	357	8.3	30	J	4.9	-26	304	2.4	-3.7	-1.9	1	J
4	357	8.9	35	J	4.3	-29	322	2.4	-2.0	-1.5	3	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16	346	11.2	34	J	5.8	-37	334	4.2	-2.7	-3.0	1	J
17					6.6	-42	5	4.5	-0.2	-4.1	2	J
18	336	14.5	31	J	6.7	-20	344	4.2	-1.3	-1.4	5	J
19												
20												
21												
22												
23												
24												

DEC. 3, 1992 (338)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	383	9.4	81	J	8.5	-61	145	-2.7	-0.2	-6.1	5	J
11	389	9.0	81	J	8.8	-9	107	-2.1	6.1	-3.4	5	J
12	384	8.3	71	J	9.0	-38	113	-2.2	3.6	-6.0	5	J
13	380	8.8	79	J	8.6	11	106	-1.9	6.6	-0.7	5	J
14	394	8.8	80	J	8.6	17	110	-2.0	5.9	0.3	6	J
15	431	11.1	120	J	8.6	-15	98	-1.0	6.7	-3.6	4	J
16					8.8	2	73	2.5	8.0	-1.1	3	J
17	400	8.5	84	J	8.9	-25	94	-0.5	6.6	-4.1	4	J
18	395	8.7	106	J	8.4	8	116	-3.0	6.1	0.5	5	J
19	417	8.2	76	J	9.2	-33	79	1.4	7.1	-4.9	3	J
20	417	8.2	79	J	9.1	-25	87	0.4	7.6	-3.3	4	J
21	411	8.4	89	J	8.5	-39	98	-0.8	6.0	-4.4	4	J
22	424	8.3	116	J	7.3	-23	93	-0.3	5.7	-1.9	4	J
23												
24	401	8.1	141	J	7.7	15	129	-4.4	5.3	2.4	2	J

DEC. 4, 1992 (339)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	392	7.2	128	J	7.1	-4	154	-3.8	1.9	-0.2	6	J
2	396	8.0	231	J	7.4	18	128	-3.6	4.6	2.1	4	J
3	409	7.1	113	J	7.5	-25	124	-3.2	4.7	-2.7	4	J
4	418	7.2	91	J	7.7	-8	118	-3.1	5.7	-1.2	4	J
5	429	7.2	79	J	8.0	-9	85	0.6	6.7	-1.9	4	J
6	405	6.5	56	J	8.1	-15	114	-2.8	5.9	-3.0	4	J
7	414	7.2	78	J	8.4	-15	338	5.2	-2.4	-1.0	6	J
8	377	6.7	49	J	8.2	-2	346	7.1	-1.8	0.2	4	J
9	383	7.1	58	J	8.6	-18	108	-1.8	4.6	-3.4	6	J
10	389	7.2	66	J	8.7	0	120	-4.1	6.7	-2.3	3	J
11	375	7.1	45	J	9.0	0	134	-5.9	5.8	-2.0	3	J
12	373	7.5	50	J	9.2	5	140	-5.8	4.8	-0.9	5	J
13	378	7.2	35	J	9.6	-10	112	-3.4	7.7	-4.0	2	J
14	390	6.9	31	J	9.2	-10	106	-2.3	7.5	-3.5	3	J
15	355	7.0	40	J	9.1	-3	136	-5.8	5.4	-1.6	4	J
16	368	7.2	35	J	9.2	18	120	-4.0	7.3	1.4	3	J
17	363	7.5	38	J	9.0	-11	130	-5.3	6.1	-2.3	3	J
18	378	7.9	26	J	9.1	-7	105	-2.3	8.4	-1.6	2	J
19	378	8.3	23	J	9.1	-8	106	-2.3	8.2	-1.3	3	J
20	394	8.8	25	J								
21	384	8.7	20	J	9.5	8	264	-1.0	-9.3	0.7	1	J
22	380	8.5	29	J	9.5	-25	116	-0.9	2.0	-0.8	9	J
23	394	8.8	23	J	9.7	-28	94	-0.6	8.5	-3.5	3	J
24	388	8.4	19	J	9.6	-33	95	-0.7	8.5	-4.4	1	J

DEC. 5, 1992 (340)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5	346	7.9	56	J	8.3	19	142	-5.6	4.6	1.9	3	J
6	379	7.9	41	J	7.5	-24	105	-1.4	4.7	-3.3	5	J
7	347	7.6	36	J	7.7	-29	166	-5.9	0.7	-3.6	3	J
8	337	7.2	23	J	8.2	-13	142	-6.0	4.0	-3.0	3	J
9	342	7.0	24	J	8.4	1	126	-4.8	6.3	-1.8	2	J
10	333	7.1	24	J	8.3	1	134	-5.6	5.6	-1.7	2	J
11	336	7.2	24	J	8.1	4	134	-5.5	5.6	-1.3	1	J
12	333	7.0	18	J	7.9	6	130	-4.9	5.8	-1.0	1	J
13	329	6.7	19	J	7.7	3	139	-5.7	4.9	-1.0	1	J
14	328	6.8	19	J	7.7	3	140	-5.8	4.8	-0.8	1	J
15	326	7.0	19	J	7.4	-9	144	-5.8	3.9	-2.0	1	J
16	340	9.7	43	J	5.5	-11	144	-4.3	2.9	-1.5	1	J
17	329	7.1	19	J	6.8	2	135	-4.7	4.7	-0.3	1	J
18	323	10.1	21	J	6.2	14	126	-3.3	4.6	1.1	2	J
19												
20												
21												
22												
23												
24												

DEC. 7, 1992 (342)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16	340	14.5	177	J	15.3	51	157	-7.9	4.9	10.0	7	J
17	360	14.1	276	J	13.5	39	266	-0.7	-9.2	9.0	4	J
18	368	15.0	261	J	13.5	6	242	-6.0	-11.3	1.8	4	J
19	385	13.1	245	J	13.8	-4	242	-5.9	-11.0	-1.0	6	J
20												
21												
22												
23												
24	457	15.5	224	J	25.5	-11	284	4.7	-18.3	-6.1	16	J

DEC. 8, 1992 (343)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	402	15.8	267	J								
2	501	18.1	517	J	25.4	14	282	3.9	-18.4	3.2	17	J
3	549	15.8	611	J	20.5	46	342	11.3	-4.0	12.2	12	J
4	626	11.9	456	J	14.7	7	313	8.3	-8.8	1.7	8	J
5	667	7.2	284	J	9.5	15	334	7.0	-3.2	2.4	6	J
6												
7	697	4.7	153	J	8.1	16	329	5.9	-3.0	2.6	4	J
8	734	5.2	258	J	8.1	54	348	3.4	0.5	4.9	5	J
9	701	4.9	137	J	7.9	20	334	5.3	-1.9	2.8	5	J
10	715	4.7	164	J	7.6	-25	299	2.9	-5.8	-1.1	4	J
11	733	4.8	164	J								
12												
13	722	5.3	208	J								
14												
15												
16												
17												
18												
19												
20												
21												
22												
23	681	3.9	81	J	6.3	0	33	4.9	3.1	0.4	3	J
24	657	4.0	76	J	6.6	-1	351	5.4	-0.8	-0.2	4	J

DEC. 9, 1992 (344)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	666	3.1	33	J								
2												
3												
4												
5												
6												
7					6.3	-3	269	-0.1	-6.0	0.9	1	J
8	674	4.7	132	J	6.1	-1	298	2.6	-4.8	1.1	3	J
9	686	4.7	79	J								
10	697	4.5	168	J								
11												
12					4.7	-22	309	2.6	-3.6	-0.7	1	J
13	705	4.5	235	J	4.8	-6	4	2.9	0.1	-0.3	4	J
14					5.1	-35	66	1.3	2.3	-2.8	3	J
15					4.9	-33	330	2.9	-2.0	-1.8	3	J
16	676	3.7	97	J	5.0	11	352	4.1	-0.5	0.9	3	J
17	667	3.8	96	J	5.7	-7	319	4.1	-3.6	-0.4	1	J
18	754	3.3	114	J	5.9	50	22	3.4	1.5	4.3	1	J
19	678	4.1	122	J	5.7	28	315	2.5	-2.5	1.8	4	J
20	655	4.6	200	J	5.1	30	320	2.3	-2.1	1.6	4	J
21	697	4.2	160	J	5.7	0	261	-0.7	-4.4	-0.5	3	J
22	679	4.2	151	J	5.5	-5	261	-0.7	-4.3	-1.0	3	J
23	644	4.1	174	J	5.5	14	275	0.3	-3.8	0.4	4	J
24	635	4.0	162	J	5.4	4	312	3.1	-3.4	-0.2	3	J

92-12-10 - 92-12-22

DEC. 10, 1992 (345)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1					5.5	28	326	3.9	-2.9	2.2	1	J	
2	621	3.8	98	J	4.9	8	308	2.3	-3.0	0.3	3	J	
3	641	4.3	143	J									
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16	609	5.0	109	J	5.3	-44	313	2.2	-2.7	-2.7	3	J	
17	614	5.0	101	J	5.1	-50	286	0.8	-3.0	-3.2	2	J	
18					5.1	-30	279	0.6	-3.7	-2.1	3	J	
19	600	5.4	95	J	5.3	6	292	1.7	-4.2	0.3	3	J	
20	585	5.4	75	J	5.6	-24	286	1.3	-4.3	-2.4	2	J	
21	588	6.8	111	J	4.5	-43	287	0.4	-1.2	-1.5	4	J	
22	568	6.9	94	J	4.8	1	303	1.9	-2.8	-0.3	3	J	
23	571	6.5	68	J	4.8	-3	333	3.2	-1.6	-0.4	3	J	
24	571	7.3	102	J	4.1	-49	341	1.6	-0.3	-2.0	3	J	

DEC. 11, 1992 (346)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	570	6.6	85	J	4.5	-2	275	0.2	-2.0	-0.3	4	J	
2	582	6.6	90	J	4.7	-14	265	-0.3	-2.9	-1.0	4	J	
3	568	6.1	70	J	4.8	19	302	1.6	-2.6	0.9	4	J	
4	542	4.9	44	J	6.4	25	356	5.8	-0.4	2.7	1	J	
5	542	5.3	92	J	5.9	-6	333	5.1	-2.6	-0.4	2	J	
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													

DEC. 15, 1992 (350)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13	534	8.6	155	J	6.1	12	32	4.1	2.7	0.4	4	J	
14	541	8.1	140	J	6.3	19	13	5.3	1.5	1.6	2	J	
15	553	7.2	110	J	5.9	16	24	5.0	2.4	1.2	2	J	
16	541	8.4	112	J	6.4	15	23	5.5	2.5	1.4	2	J	
17	544	7.7	94	J	7.5	4	7	7.2	0.9	0.5	1	J	
18					7.3	6	359	7.2	-0.1	0.8	1	J	
19	517	7.1	141	J	7.4	18	345	6.3	-1.8	2.0	3	J	
20	499	6.4	86	J	6.9	16	336	4.3	-2.1	1.1	5	J	
21	523	6.2	71	J	6.8	-31	259	-1.0	-4.8	-4.1	3	J	
22													
23					7.3	42	34	4.5	2.1	5.4	0	J	
24													

DEC. 16, 1992 (351)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4					7.2	6	224	-5.1	-4.9	0.5	2	J	
5					6.7	-48	267	-0.2	-3.9	-4.1	4	J	
6	489	7.6	57	J	8.0	-31	294	2.4	-5.7	-3.1	4	J	
7					7.6	9	316	5.0	-4.6	1.8	2	J	
8	442	8.1	170	J	7.3	13	337	5.9	-2.2	1.9	3	J	
9	444	7.4	197	J	6.0	1	350	5.7	-1.0	0.3	1	J	
10	478	6.3	66	J	5.5	-23	281	0.8	-4.4	-0.7	3	J	
11	465	6.3	69	J	5.6	-11	320	3.2	-2.8	-0.1	4	J	
12	464	6.5	64	J	5.9	8	331	4.0	-2.0	1.1	4	J	
13	454	6.0	36	J	6.0	28	10	5.1	1.5	2.5	1	J	
14	449	5.6	27	J	6.0	26	13	5.1	1.6	2.3	2	J	
15	454	5.8	27	J	6.0	38	350	4.6	-0.3	3.7	1	J	
16	450	5.5	25	J	5.9	26	349	5.1	-0.8	2.6	1	J	
17	436	6.1	53	J	5.9	9	337	5.2	-2.2	1.0	2	J	
18	423	6.6	71	J	6.0	12	330	4.8	-2.8	1.1	2	J	
19	426	6.7	75	J	6.0	22	331	4.7	-2.8	2.0	1	J	
20	411	7.0	88	J	5.7	17	346	5.1	-1.5	1.4	2	J	
21	403	5.9	27	J	5.9	16	337	4.7	-2.2	1.1	2	J	
22	407	5.6	25	J	6.2	9	317	4.0	-3.9	0.2	2	J	
23	410	5.6	27	J	6.1	41	347	4.3	-1.7	3.6	2	J	
24													

DEC. 17, 1992 (352)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4					5.8	52	351	3.5	-0.8	4.5	1	J	
5	396	7.3	33	J	5.8	39	355	3.9	-0.3	3.2	3	J	
6	402	7.6	38	J	5.4	10	33	4.0	2.7	0.6	2	J	
7	446	13.7	69	J	9.7	38	297	2.9	-5.0	5.7	6	J	
8													
9	502	29.2	180	J	14.6	-42	175	-5.7	-0.6	-5.1	12	J	
10	455	22.2	173	J	14.0	4	303	7.4	-10.9	3.5	3	J	
11	425	16.2	174	J	13.5	-3	309	8.4	-10.3	1.7	2	J	
12	411	17.6	144	J	13.0	-15	321	9.4	-8.1	-1.5	3	J	
13	412	16.0	81	J	14.3	-38	356	10.5	-2.4	-7.9	5	J	
14	449	16.9	159	J	14.4	4	293	4.8	-10.9	2.7	8	J	
15	512	18.9	163	J	13.8	53	226	-5.6	-4.4	11.3	3	J	
16	490	23.5	83	J	13.5	-13	84	1.2	11.0	-3.4	7	J	
17	543	11.0	66	J	17.3	-50	332	9.6	-5.4	-12.8	3	J	
18					17.4	-50	312	7.5	-7.9	-13.6	1	J	
19	466	17.6	33	J	14.6	-37	278	1.5	-9.9	-8.9	6	J	
20					13.8	-16	270	0.0	-11.9	-5.1	5	J	
21					14.3	28	266	-0.8	-12.9	4.4	4	J	
22	481	23.5	760	J	13.7	32	270	0.0	-12.8	5.0	1	J	
23													
24													

DEC. 20, 1992 (355)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14					7.7	-13	153	-6.6	3.1	-2.2	1	J	
15					7.7	8	145	-6.1	4.3	0.6	2	J	
16					7.7	14	138	-5.5	5.0	1.6	1	J	
17					8.0	30	164	-6.6	1.9	3.9	2	J	
18													
19													
20													
21													
22													
23													
24													

DEC. 21, 1992 (356)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7	470	8.6	88	J	11.1	-9	70	3.7	10.1	-2.8	1	J	
8	456	9.0	111	J	10.8	1	92	-0.4	10.4	-1.4	2	J	
9	450	9.1	115	J	10.3	2	94	-0.6	9.2	-1.4	5	J	
10	449	7.4	95	J	11.2	-8	94	-0.7	9.9	-3.5	4	J	
11	475	7.9	120	J	11.0	-13	114	-4.2	8.7	-4.2	3	J	
12	481	8.0	96	J	10.4	-7	124	-4.7	6.7	-2.4	6	J	
13	481	7.5	121	J	9.4	37	153	-5.8	3.7	4.3	5	J	
14	502	7.7	119	J	9.3	23	107	-2.2	7.4	2.1	5	J	
15													
16													
17													
18													
19													
20	534	7.3	135	J	8.8	18	172	-8.2	0.7	2.8	1	J	
21	556	6.7	126	J	7.4	4	136	-1.7	1.6	0.5	7	J	
22	580	6.2	108	J	7.7	-26	33	5.2	4.0	-2.2	4	J	
23	533	5.4	122	J	7.5	-2	130	-4.6	5.4	1.0	2	J	
24	510	5.2	94	J	7.5	14	160	-6.7	2.0	2.3	2	J	

DEC. 22, 1992 (357)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	526	5.4	88	J	7.0	13	161	-6.3	1.8	2.0	2	J	
2													
3													
4													
5													
6													
7	530	4.4	73	J	6.0	16	177	-5.8	0.5	1.6	1	J	
8	522	4.7	111	J	6.0	-3	160	-5.3	1.9	-0.6	2	J	
9	513	4.6	178	J	5.5	-17	159	-4.7	1.5	-1.8	1	J	
10					5.3	-16	151	-4.4	2.1	-1.9	1	J	
11	520	4.4	134	J	5.2	-35	143	-3.3	1.9	-3.3	1	J	
12	524	3.4	69	J	4.9	-45	153	-2.8	0.8	-3.3	2	J	
13					4.8	12	169	-3.2	0.7	0.6	4	J	
14	553	3.6	137	J	5.2	24	182	-4.7	0.1	2.1	1	J	
15	526	5.2	246	J	4.7	15	173	-4.4	0.6	1.1	1	J	
16	532	4.9	209	J	4.7	-10	158	-4.0	1.6	-0.8	2	J	
17	526	5.1	217	J	4.5	-11	203	-3.6	-1.5	-0.8	2	J	
18	523	5.3	125	J	4.3	-16	235	-1.7	-2.4	-1.0	3	J	
19	523	5.7	114	J	3.4	-23	340	2.2	-0.7	-1.1	2	J	
20	528	6.0	118	J	4.4	-7	59	1.8	3.1	0.1	3	J	
21	522	6.8	129	J	4.7	12	131	-1.6	1.7	0.9	4	J	
22	521	6.4	108	J	4.9	32	126	-0.7	0.8	0.9	5	J	
23	501	6.7	117	J	5.8	29	177	-3.3	-0.3	1.8	4	J	
24	503	7.0	104	J	6.1	30	179	-4.7	-0.6	2.6	3	J	

92-12-23 - 93-01-03

DEC. 23, 1992 (358)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	521	7.2	142	J	6.2	42	162	-3.0	0.3	3.0	5	J
2	534	6.7	223	J	5.7	-5	144	-3.5	2.5	0.1	4	J
3	536	6.1	241	J	5.7	3	119	-2.1	3.7	0.8	4	J
4	544	5.5	234	J	6.4	-18	113	-2.2	5.2	-1.3	3	J
5	518	5.3	232	J	6.9	6	154	-5.4	2.6	0.7	3	J
6	527	5.8	235	J	7.3	12	130	-3.8	4.5	1.1	4	J
7	528	5.8	192	J	7.5	1	125	-3.8	5.5	-0.3	3	J
8	505	5.8	166	J	7.7	23	150	-5.6	3.6	2.3	3	J
9	535	5.5	202	J	7.8	15	117	-2.7	5.4	0.7	5	J
10	541	5.5	181	J	7.7	3	105	-1.6	5.9	-0.8	5	J
11												
12												
13												
14	542	4.4	169	J	5.7	-20	110	-1.4	3.8	-2.0	3	J
15	520	4.1	132	J	6.1	15	135	-4.0	4.1	1.2	2	J
16	514	4.4	142	J	6.1	31	143	-3.8	2.9	2.7	2	J
17	506	4.0	72	J	5.6	-8	154	-4.8	2.4	-0.7	2	J
18	510	4.2	87	J	5.2	21	154	-4.0	1.8	1.9	2	J
19	508	4.6	76	J	5.5	24	192	-3.7	-1.0	1.6	4	J
20	514	4.1	73	J	5.8	34	184	-3.5	-0.6	2.3	4	J
21	506	4.4	100	J								
22												
23												
24												

DEC. 27, 1992 (362)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16					2.7	19	73	0.7	2.4	0.9	1	J
17												
18												
19												
20												
21												
22												
23												
24												

DEC. 28, 1992 (363)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5					15.0	26	146	-11.1	7.0	7.1	2	J
6					13.6	-1	145	-10.6	7.4	-0.1	4	J
7	367	30.0	78	J	15.2	-14	131	-9.5	10.7	-4.1	2	J
8	379	19.6	28	J	16.0	-11	130	-10.0	11.6	-4.1	2	J
9	389	16.6	19	J	15.4	-10	131	-9.9	10.9	-4.1	1	J
10					14.8	1	139	-10.9	9.4	-1.1	2	J
11	396	17.2	18	J	15.4	6	134	-10.4	10.8	-0.1	3	J
12	419	18.2	29	J	17.3	6	113	-6.6	15.6	-0.4	3	J
13	415	19.7	47	J	17.4	-27	117	-6.9	12.6	-9.3	3	J
14	427	18.8	32	J	16.3	-33	108	-3.3	9.6	-7.9	10	J
15	428	20.5	32	J	17.4	-22	99	-2.4	14.8	-6.8	5	J
16	423	20.7	31	J	16.7	-30	98	-1.8	12.7	-7.3	8	J
17	410	19.1	18	J	16.8	-17	105	-4.1	15.6	-4.0	2	J
18					11.1	-16	84	1.1	10.7	-1.8	2	J
19	424	27.8	96	J	13.2	14	76	2.8	10.7	4.7	6	J
20	423	27.2	55	J	17.9	-32	72	4.2	14.5	-5.7	8	J
21	424	25.1	50	J	18.2	-67	34	5.3	7.2	-13.9	8	J
22					16.6	-78	6	3.3	4.5	-15.0	5	J
23	421	24.7	22	J	15.8	-79	22	2.8	5.4	-14.6	1	J
24												

DEC. 29, 1992 (364)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5	398	9.4	27	J	14.4	-81	265	-0.2	-1.0	-14.2	2	J
6	398	10.6	29	J	13.9	-63	266	-0.4	-6.0	-12.4	2	J
7	407	11.5	23	J	13.8	-55	263	-1.0	-8.2	-10.9	1	J
8												
9	396	11.3	59	J	11.3	-7	117	-4.8	9.2	-2.4	4	J
10	403	13.0	96	J	10.5	-17	128	-5.3	6.4	-3.5	5	J
11	404	12.8	72	J	11.8	-24	135	-6.9	6.2	-5.3	5	J
12	410	13.4	72	J	12.1	-30	173	-8.9	0.4	-5.3	6	J
13	431	13.3	72	J	11.5	-26	118	-4.4	7.8	-5.5	4	J
14	446	15.9	134	J	9.9	-21	135	-5.2	5.0	-3.2	6	J
15	467	15.2	92	J	9.8	-24	92	-0.3	8.3	-4.0	3	J
16	454	14.5	94	J	9.9	-41	112	-2.7	6.7	-6.2	3	J
17												
18	410	11.7	72	J	7.7	5	168	-7.4	1.5	0.8	1	J
19	418	12.4	115	J	8.2	-5	154	-6.9	3.4	-0.1	3	J
20	427	12.2	120	J	8.5	-27	130	-4.4	5.8	-2.3	4	J
21	425	11.4	85	J	8.9	-24	128	-4.4	6.2	-1.7	4	J
22	429	10.9	76	J	9.3	-33	107	-2.2	8.1	-2.7	3	J
23	437	10.9	69	J	9.0	-31	101	-1.4	8.3	-2.2	3	J
24												

DEC. 30, 1992 (365)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18	370	10.5	34	J	8.0	48	150	-1.5	0.6	2.0	8	J
19	379	12.2	48	J								
20												
21												
22												
23												
24												

JAN. 1, 1993 (001)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	454	14.4	94	J								
14	438	12.1	66	J								
15	435	11.7	58	J								
16	430	12.3	80	J								
17	429	10.8	97	J								
18												
19												
20												
21												
22												
23												
24												

JAN. 2, 1993 (002)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	697	7.4	512	J	10.6	2	324	6.9	-5.0	0.4	6	J
16	680	6.5	284	J	10.1	-16	340	8.1	-2.9	-2.6	5	J
17	679	6.3	275	J	9.8	-3	318	6.2	-5.6	-0.9	5	J
18	702	5.4	300	J	10.7	-8	284	2.4	-9.3	-2.7	4	J
19	654	5.5	166	J	11.0	-2	321	8.2	-6.5	-1.6	3	J
20	649	6.8	240	J	10.6	-1	326	8.2	-5.3	-1.5	4	J
21	660	6.3	227	J	9.2	16	320	6.2	-5.6	0.8	4	J
22	667	5.2	199	J	7.5	-7	336	5.5	-2.1	-1.4	4	J
23	665	5.5	190	J	8.2	16	312	4.8	-5.7	0.3	3	J
24	660	6.3	192	J	8.4	31	334	5.8	-3.9	2.8	4	J

JAN. 3, 1993 (003)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	748	5.1	301	J	5.7	57	353	2.6	-0.1	4.1	3	J
15	703	4.8	269	J	6.6	5	346	5.5	-1.4	0.5	3	J
16	725	4.9	291	J	6.9	42	327	3.5	-2.4	3.6	4	J
17	711	4.9	252	J	6.9	51	2	4.0	-0.3	5.0	3	J
18	705	4.4	201	J	7.6	39	357	5.4	-0.9	4.3	3	J
19	724	4.5	216	J	8.3	-1	313	4.8	-5.0	-1.1	5	J
20	748	4.7	238	J	7.7	1	327	3.9	-2.5	-0.5	6	J
21	768	4.7	223	J	7.7	39	339	2.8	-1.7	2.0	7	J
22	723	4.6	268	J	7.8	10	342	5.8	-2.1	0.5	5	J
23	714	4.6	302	J	7.7	-21	334	5.5	-1.8	-3.1	4	J
24	745	4.1	261	J	7.6	-37	303	2.8	-2.9	-5.1	4	J

93-01-04 - 93-01-15

JAN. 4, 1993 (004)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	776	4.5	328	J	6.2	5	356	4.8	-0.4	0.3	4	J	
2	769	4.1	331	J	5.8	16	16	4.5	0.9	1.7	3	J	
3	757	4.1	247	J	5.7	5	344	4.7	-1.4	0.1	3	J	
4													
5													
6													
7													
8													
9													
10													
11													
12													
13	752	3.8	208	J	7.2	20	314	4.6	-4.5	2.7	2	J	
14	752	3.8	192	J	6.9	-17	331	5.0	-2.9	-1.6	3	J	
15	738	3.7	180	J	6.7	7	356	5.8	-0.4	0.7	3	J	
16	707	3.6	165	J	8.1	-8	322	5.9	-4.6	-1.3	3	J	
17	736	3.8	199	J	7.3	17	346	4.5	-1.2	1.3	5	J	
18	778	4.3	275	J	6.6	42	23	3.5	0.9	3.6	4	J	
19	777	4.3	210	J	6.9	10	300	3.0	-5.2	0.0	3	J	
20	792	4.5	249	J	6.6	14	296	1.6	-3.3	0.1	5	J	
21	773	4.3	207	J	6.4	30	306	2.5	-4.1	1.4	4	J	
22	784	4.3	222	J	6.2	-11	313	2.2	-2.1	-1.3	5	J	
23	772	4.4	199	J	6.1	-19	314	2.6	-2.2	-2.1	5	J	
24	778	4.2	166	J	6.2	19	296	2.1	-4.5	0.2	4	J	

JAN. 5, 1993 (005)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	758	3.9	208	J	6.0	36	319	2.6	-3.0	1.7	4	J	
2	764	3.8	184	J	6.3	32	302	2.2	-4.0	1.5	4	J	
3	739	4.2	184	J	6.1	-21	336	4.9	-1.6	-2.5	2	J	
4	741	3.9	201	J	5.7	-14	8	4.3	0.8	-1.0	3	J	
5	738	3.8	242	J	5.0	15	338	3.3	-1.5	0.8	3	J	
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													

JAN. 9, 1993 (009)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7	469	9.8	83	J	5.2	6	284	0.9	-3.6	0.2	4	J	
8	468	10.4	73	J	6.6	-26	287	1.4	-4.7	-2.4	3	J	
9	470	9.4	66	J	5.6	-49	273	0.2	-3.4	-3.6	3	J	
10	469	9.9	75	J	5.7	-30	277	0.5	-4.2	-2.1	3	J	
11	470	9.5	61	J	5.3	2	253	-1.1	-3.4	0.4	4	J	
12					5.9	-32	262	-0.7	-4.9	-2.7	2	J	
13	469	9.0	55	J	6.1	-38	236	-2.5	-3.8	-3.3	3	J	
14	456	9.5	91	J	5.4	-6	310	1.7	-2.0	-0.3	5	J	
15	481	7.7	114	J	5.0	-5	317	2.0	-1.9	-0.3	4	J	
16	502	7.7	95	J	5.0	-23	185	-4.5	-0.2	-1.9	1	J	
17													
18													
19													
20													
21													
22													
23													
24													

JAN. 10, 1993 (010)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3	490	8.9	121	J	6.2	-45	210	-2.3	-0.5	-3.0	5	J	
4	479	8.4	162	J	5.7	6	335	3.9	-1.9	0.0	4	J	
5	499	8.6	108	J	8.7	39	0	4.8	-0.7	3.8	6	J	
6	595	9.1	215	J	8.2	-82	135	-0.1	0.3	-1.4	8	J	
7	571	11.5	52	J	12.3	-50	261	-1.2	-7.1	-9.6	3	J	
8					12.4	-33	265	-0.9	-10.1	-6.6	3	J	
9	579	8.4	34	J	12.0	-9	272	0.4	-11.8	-1.5	2	J	
10	548	9.5	95	J	10.0	-23	292	3.2	-8.1	-3.2	4	J	
11	566	11.0	66	J	10.4	-33	305	4.7	-7.0	-4.9	4	J	
12	553	9.8	42	J	10.3	21	329	7.3	-4.2	3.5	5	J	
13	594	15.2	50	J	10.0	-5	332	2.7	-1.5	-0.2	10	J	
14	580	13.7	27	J	10.6	61	316	3.6	-3.4	8.9	3	J	
15	524	26.1	334	J	10.3	55	343	5.5	-2.0	8.2	2	J	
16													
17													
18													
19													
20													
21													
22													
23													
24													

JAN. 11, 1993 (011)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20					9.2	30	132	-5.3	4.3	6.1	0	J	
21													
22													
23													
24													

JAN. 13, 1993 (013)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1					3.5	7	265	-0.3	-3.3	-0.8	1	J	
2					3.1	2	251	-1.0	-2.7	-0.9	1	J	
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13	404	12.2	45	J	7.7	27	351	6.8	-1.0	3.5	1	J	
14	434	17.3	60	J	6.6	23	57	3.0	4.5	2.4	3	J	
15	431	15.4	53	J	8.5	12	57	4.5	6.8	2.2	1	J	
16													
17													
18													
19													
20													
21													
22													
23	454	12.4	113	J	9.6	-10	342	6.4	-1.5	-1.9	7	J	
24	476	13.5	111	J	10.3	-8	275	0.8	-7.7	-4.6	5	J	

JAN. 14, 1993 (014)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	506	8.4	116	J	10.9	-36	243	-3.8	-4.6	-8.4	4	J	
2	522	9.4	169	J	9.4	-9	298	4.1	-6.7	-3.9	3	J	
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13					11.3	9	359	10.6	-0.2	1.7	3	J	
14	565	7.1	108	J	11.7	27	349	10.0	-2.1	5.1	2	J	
15													
16													
17													
18	575	5.8	197	J	6.1	3	347	5.9	-1.4	0.0	1	J	
19	565	6.5	247	J	6.6	-5	342	5.9	-1.7	-1.0	2	J	
20	574	5.8	188	J	6.7	-21	357	5.2	0.4	-2.0	4	J	
21	597	6.6	216	J	5.7	-21	286	1.1	-3.2	-2.9	4	J	
22	595	6.6	200	J	5.1	9	336	2.2	-1.0	0.0	5	J	
23	586	6.4	169	J	5.4	-24	326	3.3	-1.3	-2.5	3	J	
24	582	6.1	200	J	4.4	-11	325	1.8	-1.0	-0.9	4	J	

JAN. 15, 1993 (015)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	554	5.1	68	J	6.2	28	334	4.1	-2.8	1.5	3	J	
2	560	5.0	72	J	6.1	36	13	4.4	-0.2	3.4	2	J	
3	560	5.0	54	J	6.3	42	352	4.3	-1.8	3.6	2	J	
4	565	5.1	71	J	6.4	36	6	4.4	-0.4	3.2	3	J	
5	603	5.9	124	J	4.8	-45	216	-1.9	-0.9	-2.6	4	J	
6	580	9.9	55	J	2.4	-1	304	0.9	-1.3	-0.2	2	J	
7	582	9.4	28	J	4.3	13	351	4.1	-0.7	0.9	0	J	
8													
9													
10													
11													
12													
13													
14	539	13.0	12	J	5.9	23	34	4.3	2.8	2.3	2	J	
15	534	9.0	15	J	6.7	-9	18	6.1	2.1	-0.9	2	J	
16	528	8.5	22	J	6.5	-15	18	5.8	2.1	-1.4	1	J	
17					6.1	-9	25	5.2	2.5	-0.5	2	J	
18	516	6.5	65	J	6.5	-15	19	5.8	2.3	-1.1	2	J	
19	510	6.8	47	J	6.1	2	16	5.6	1.5	0.6	2	J	
20	514	5.5	50	J	6.4	0	31	4.5	2.6	0.9	3	J	
21	519	5.3	58	J	6.5	15	33	4.8	2.4	2.5	3	J	
22	510	5.2	69	J	6.7	-8	33	5.1	3.4	0.5	2	J	
23	499	5.5	96	J	6.9	-4	40	5.0	4.1	1.2	2	J	
24	492	6.4	117	J	7.1	7	32	5.6	2.9	2.1	3	J	

93-01-16 - 93-01-25

JAN. 16, 1993 (016)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	493	6.1	84	J	6.9	1	26	5.8	2.5	1.2	2	J
2	487	7.3	68	J	7.1	-3	23	5.7	2.4	0.6	3	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	513	5.1	251	J	6.2	6	21	5.8	2.2	0.6	1	J
13	531	5.0	160	J	5.0	15	311	1.8	-2.0	0.7	4	J
14	531	4.9	137	J	4.9	-11	174	-3.5	0.4	-0.7	3	J
15	522	5.9	84	J	4.5	-19	131	-0.9	1.0	-0.4	4	J
16	519	7.5	74	J	4.3	-42	225	-1.4	-1.1	-1.9	3	J
17	506	7.2	114	J	3.7	8	333	2.3	-1.2	0.1	3	J
18	507	6.6	98	J	4.7	22	42	2.6	2.0	1.9	3	J
19	505	6.9	114	J	5.3	-3	332	3.8	-1.9	-0.8	3	J
20	509	7.1	92	J	5.6	38	318	3.0	-3.6	2.1	2	J
21	507	7.2	97	J	5.8	42	309	2.6	-4.3	2.3	2	J
22	529	6.2	91	J	5.4	-76	172	-1.0	1.6	-3.5	4	J
23	506	6.0	91	J	4.7	-36	2	2.5	0.8	-1.6	4	J
24	503	6.2	78	J	4.3	15	349	3.6	-1.0	0.6	2	J

JAN. 17, 1993 (017)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	500	5.9	94	J	4.7	5	349	4.2	-0.9	0.0	2	J
2	502	5.7	76	J	4.6	-4	22	3.9	1.6	0.3	2	J
3	498	5.8	48	J	5.5	-3	12	5.2	1.1	0.1	1	J
4	494	6.3	50	J	5.6	8	5	5.2	0.2	0.8	1	J
5												
6												
7												
8												
9												
10												
11												
12	468	9.6	58	J	3.8	-30	289	0.9	-2.5	-1.5	2	J
13	470	8.9	41	J	4.3	1	280	0.6	-3.5	0.0	3	J
14	473	8.8	42	J	3.9	8	298	1.6	-3.0	0.3	2	J
15	459	5.3	59	J	5.8	-2	306	3.3	-4.5	-0.6	1	J
16	461	5.6	45	J	4.9	6	302	2.4	-3.9	0.0	2	J
17	457	4.8	43	J	4.8	4	303	2.6	-4.0	-0.4	1	J
18	459	4.7	37	J	5.3	0	306	2.8	-3.8	-0.9	2	J
19	460	4.6	33	J	5.8	7	292	2.1	-5.2	-0.8	1	J
20	466	4.7	36	J	6.0	7	289	1.9	-5.5	-1.1	1	J
21	471	6.4	39	J	5.4	5	307	3.2	-4.2	-1.1	1	J
22					9.9	19	309	5.8	-7.9	0.1	6	J
23	463	7.3	30	J	5.2	22	299	2.3	-4.6	0.1	0	J
24	451	9.2	23	J	5.0	31	302	2.3	-4.4	0.9	1	J

JAN. 18, 1993 (018)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					5.0	29	305	2.5	-4.2	0.8	1	J
2	432	10.4	19	J	5.1	15	296	2.1	-4.5	-0.4	1	J
3	430	12.2	18	J	5.4	15	285	1.3	-5.0	-0.3	2	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

JAN. 21, 1993 (021)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20	396	6.1	27	J	7.5	-5	6	7.4	1.0	-0.3	0	J
21	399	5.8	16	J	7.6	-5	5	7.5	0.9	-0.4	0	J
22												
23												
24												

JAN. 22, 1993 (022)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	382	8.1	19	J	8.0	-16	323	5.4	-2.9	-3.4	4	J
2	380	9.2	14	J	8.3	-12	360	8.1	0.7	-1.6	0	J
3					8.1	-14	358	7.9	0.4	-1.9	0	J
4					7.9	-14	358	7.7	0.3	-1.9	1	J
5	347	26.2	840	J	7.5	-15	2	7.2	0.7	-1.8	0	J
6	371	9.7	32	J	7.1	-15	2	6.9	0.6	-1.8	0	J
7	365	8.3	16	J	6.4	-22	1	5.9	0.4	-2.4	1	J
8	361	8.0	21	J	6.8	-20	358	6.1	0.0	-2.2	2	J
9	360	7.5	18	J	6.8	-12	5	6.4	0.6	-1.3	1	J
10	361	9.1	18	J	6.8	-28	357	5.8	-0.2	-3.1	2	J
11	363	8.6	20	J	7.0	-23	331	5.4	-2.9	-2.7	2	J
12	361	9.2	26	J	6.9	-23	341	5.7	-1.9	-2.6	2	J
13	361	10.1	26	J	7.5	4	324	5.6	-4.1	0.3	3	J
14	367	10.1	26	J	6.9	-22	331	4.6	-2.4	-2.3	4	J
15	353	9.6	37	J	6.3	-8	344	5.6	-1.5	-1.0	2	J
16	350	9.6	54	J	6.0	-10	352	5.7	-0.6	-1.1	1	J
17	343	10.8	88	J	6.2	-5	356	6.0	-0.3	-0.6	1	J
18	351	10.7	57	J	6.1	14	10	5.4	0.5	1.6	3	J
19	356	11.8	42	J	6.7	-6	30	4.8	2.8	0.3	4	J
20	362	13.6	47	J	7.1	-29	0	5.3	1.1	-2.8	4	J
21	351	13.6	69	J	6.5	-25	356	5.4	0.6	-2.5	3	J
22												
23												
24												

JAN. 23, 1993 (023)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2					6.2	23	270	0.0	-5.3	0.0	3	J
3					6.0	52	35	2.9	0.3	4.9	2	J
4					5.9	34	51	2.7	2.3	3.8	3	J
5	356	13.1	50	J	5.8	45	354	4.0	-1.4	3.8	1	J
6												
7												
8												
9												
10												
11	356	10.1	33	J	5.5	57	291	1.1	-2.9	4.4	1	J
12	355	9.8	35	J	5.4	29	274	0.3	-4.5	2.3	2	J
13	353	9.3	36	J	5.6	39	286	1.2	-4.3	3.2	1	J
14												
15												
16												
17												
18												
19												
20												
21					6.0	-82	83	0.1	2.3	-3.8	4	J
22	355	20.4	66	J	4.7	2	3	3.0	0.1	0.2	4	J
23												
24												

JAN. 24, 1993 (024)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	361	18.2	52	J	7.8	-30	70	2.3	6.4	-3.4	2	J
14	344	15.1	23	J	7.7	-41	86	0.4	6.1	-4.4	2	J
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

JAN. 25, 1993 (025)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14					15.7	-24	305	7.7	-10.4	-7.0	6	J
15	497	19.2	628	J	15.1	32	153	-7.3	3.0	5.6	12	J
16	508	16.8	423	J	15.9	-12	134	-10.2	10.9	-1.1	6	J
17	546	14.3	414	J	19.5	6	137	-14.0	12.2	5.0	3	J
18												
19												
20												
21	583	9.8	254	J	14.2	17	267	-0.7	-12.9	-1.6	5	J
22					11.6	34	120	-4.6	4.5	9.0	4	J
23					8.0	-8	265	-0.7	-6.6	-4.5	1	J
24	629	13.2	321	J	9.6	-48	270	0.0	-1.1	-3.9	9	J

93-01-26 - 93-02-05

JAN. 26, 1993 (026)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	599	13.7	348	J	10.7	-12	183	-6.1	0.3	-1.3	9	J
2	573	13.3	281	J	10.7	1	156	-8.2	3.3	1.7	6	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14					7.2	-27	114	-2.5	5.9	-2.5	2	J
15												
16												
17												
18	567	4.3	77	J	6.1	-37	157	-4.1	2.6	-2.7	3	J
19	556	4.2	88	J	6.3	-9	171	-5.0	1.0	-0.5	4	J
20	565	4.3	96	J	6.0	26	158	-3.8	0.7	2.5	4	J
21	579	3.9	91	J	5.9	-39	121	-1.7	3.7	-1.3	4	J
22												
23	549	3.7	78	J	5.8	13	139	-3.2	2.0	2.1	4	J
24					6.2	-31	112	-1.7	5.1	-0.5	3	J

JAN. 27, 1993 (027)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	513	3.8	76	J	5.7	5	157	-5.0	1.7	1.4	1	J
2					5.8	13	155	-5.0	1.6	2.1	1	J
3	528	4.6	124	J	6.0	-20	129	-2.7	3.7	-0.2	4	J
4	548	4.0	63	J	6.0	-29	110	-1.7	5.2	-1.0	2	J
5	548	4.1	84	J	6.0	-17	106	-1.4	5.3	-0.1	2	J
6	560	3.9	72	J	6.1	-20	94	-0.4	5.3	-0.7	3	J
7												
8												
9												
10												
11												
12												
13	524	4.2	79	J	4.9	-15	79	0.8	4.2	-0.8	2	J
14	511	4.4	57	J	4.8	19	116	-1.7	3.2	1.7	3	J
15	497	4.2	83	J	4.5	-25	140	-2.8	2.6	-1.3	2	J
16	479	4.5	129	J	4.6	-22	165	-4.0	1.4	-1.4	1	J
17	492	4.2	85	J	4.3	-21	109	-1.1	3.4	-0.5	2	J
18	475	4.0	86	J	3.9	-20	114	-1.3	3.1	-0.3	2	J
19	499	4.2	67	J	4.7	-11	70	1.4	3.9	0.6	2	J
20	495	4.6	76	J	4.5	-23	73	1.0	3.7	-0.1	2	J
21	489	5.1	93	J	3.9	-29	121	-1.0	2.0	-0.3	3	J
22	502	5.1	61	J	4.6	1	82	0.5	3.3	1.7	3	J
23	496	5.1	51	J	5.2	70	120	-0.9	-0.8	4.9	2	J
24	498	5.7	77	J	4.2	41	92	-0.1	1.1	2.9	3	J

JAN. 28, 1993 (028)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	492	5.7	93	J	3.9	-12	126	-1.8	2.6	0.5	2	J
2	486	5.7	68	J	4.4	-27	87	0.2	3.9	-0.1	2	J
3	495	5.5	83	J								
4	480	5.7	56	J	4.4	-58	79	0.4	3.2	-2.5	2	J
5	461	6.4	49	J	4.6	4	119	-1.9	3.3	1.3	2	J
6	466	5.5	41	J	4.1	-36	105	-0.8	3.4	-1.5	2	J
7	471	6.0	50	J	4.2	-15	104	-0.7	2.7	-0.3	3	J
8	451	5.7	45	J	4.4	15	164	-4.0	1.0	1.2	1	J
9	457	6.4	54	J	3.9	-7	189	-3.2	-0.5	-0.4	2	J
10												
11												
12	449	7.0	83	J	4.1	-10	251	-1.1	-3.1	-0.8	2	J
13	443	6.6	88	J	3.9	-12	209	-2.6	-1.4	-0.7	3	J
14	441	6.5	81	J	4.2	-2	213	-3.2	-2.0	-0.4	2	J
15	430	6.5	93	J	4.4	2	205	-3.5	-1.6	-0.1	2	J
16	435	7.2	110	J	4.0	1	193	-3.6	-0.8	-0.1	1	J
17	442	6.8	80	J	3.5	6	138	-1.6	1.4	0.6	3	J
18	443	5.6	56	J	4.2	-10	134	-1.4	1.5	0.1	4	J
19	439	6.5	67	J	4.0	-2	110	-1.2	3.1	1.0	2	J
20	440	6.2	46	J	4.1	-4	86	0.3	3.4	1.2	2	J
21					5.1	-2	60	2.0	3.2	1.3	3	J
22	439	5.8	40	J	4.7	10	76	1.0	3.4	2.6	2	J
23	429	5.2	59	J	4.2	-4	113	-0.7	1.5	0.7	4	J
24	416	6.8	68	J	4.6	-12	205	-3.7	-1.1	-1.6	2	J

JAN. 29, 1993 (029)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	407	7.1	63	J	4.2	19	198	-3.7	-1.7	0.6	1	J
2	413	5.4	42	J	4.4	39	159	-3.1	-0.1	3.0	1	J
3	419	5.4	37	J	3.6	-3	101	-0.5	2.6	0.9	2	J
4	413	5.6	36	J	4.0	-6	123	-1.8	2.8	0.6	2	J
5	405	5.3	30	J	4.5	-27	180	-3.8	0.6	-1.9	1	J
6	409	5.5	37	J	4.5	6	115	-1.7	3.4	1.3	2	J
7	410	5.9	40	J	4.8	2	107	-1.3	4.2	0.9	2	J
8	391	6.1	51	J	5.1	18	130	-2.6	2.9	1.7	3	J
9	398	6.5	43	J	5.5	-7	114	-2.0	4.5	-0.2	3	J
10												
11	401	7.0	31	J	5.9	5	117	-2.7	5.2	0.9	1	J
12	358	9.9	121	J	5.9	7	169	-5.5	1.0	0.8	2	J
13	378	7.5	79	J	5.7	1	142	-4.4	3.4	0.4	1	J
14												
15												
16	398	7.5	72	J	4.6	9	150	-3.5	1.9	1.0	2	J
17	395	7.1	64	J	4.5	8	149	-3.2	1.7	1.0	2	J
18	399	7.2	46	J	4.5	44	203	-2.6	-1.9	2.3	2	J
19	407	7.5	65	J	3.6	16	239	-1.4	-2.4	-0.1	2	J
20	399	6.9	56	J	3.6	28	219	-2.3	-2.4	0.7	1	J
21	392	6.3	52	J	3.5	-1	199	-2.8	-0.9	-0.5	2	J
22	381	7.1	50	J	4.0	-9	213	-2.9	-1.4	-1.3	2	J
23	382	6.8	40	J	4.2	-32	227	-2.3	-1.2	-3.0	1	J
24	383	7.0	35	J	4.2	-50	159	-1.7	1.6	-1.7	3	J

JAN. 30, 1993 (030)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	380	6.5	31	J	3.4	-38	124	-1.1	2.2	-0.6	2	J
2	393	12.3	59	J	7.9	-38	197	-4.8	0.4	-4.2	5	J
3					8.0	9	62	2.6	4.1	2.7	6	J
4	399	13.8	85	J	8.7	-23	194	-7.5	-0.6	-3.7	2	J
5	393	14.6	95	J	9.1	-24	197	-7.6	-1.2	-4.1	2	J
6	381	12.4	125	J	8.9	-26	150	-6.5	4.5	-2.6	3	J
7												
8												
9												
10												
11	383	10.9	26	J	7.2	-16	101	-1.3	6.6	-1.4	2	J
12	378	15.0	16	J	7.1	-25	112	-2.4	6.1	-2.5	1	J
13	376	20.9	17	J	5.9	-44	166	-3.1	1.1	-3.0	4	J
14	374	22.6	17	J	6.5	-26	100	-1.0	5.7	-2.0	2	J
15	363	22.1	26	J	6.7	-21	113	-2.3	5.8	-1.4	2	J
16					7.4	-30	101	-1.2	6.8	-2.3	0	J
17	369	29.8	25	J	6.4	0	54	3.2	4.2	1.1	3	J
18	363	35.3	32	J	5.9	2	350	4.3	-0.8	-0.1	4	J
19												
20												
21												
22												
23												
24												

FEB. 3, 1993 (034)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	521	5.7	104	J	4.2	40	344	2.7	-1.2	2.2	2	J
16	503	5.8	46	J	5.3	26	338	4.3	-2.2	1.8	1	J
17	497	5.7	39	J	5.4	17	336	4.4	-2.3	0.9	2	J
18	497	6.4	62	J	5.6	11	306	1.8	-2.6	-0.3	5	J
19	504	6.8	41	J	5.4	-23	206	-4.3	-1.2	-2.7	1	J
20	500	8.1	54	J	5.5	-4	203	-4.9	-1.7	-1.2	1	J
21												
22	492	6.6	33	J	6.8	-15	214	-5.4	-2.4	-3.2	1	J
23	489	7.1	35	J	6.7	-10	215	-5.3	-2.7	-2.8	1	J
24					6.5	-1	214	-5.4	-3.1	-1.9	0	J

FEB. 4, 1993 (035)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3	463	7.7	49	J	4.3	5	294	1.0	-2.2	-0.8	4	J
4	478	7.4	31	J	5.8	12	236	-3.0	-4.6	-0.6	2	J
5	475	8.6	40	J	4.7	-5	236	-2.4	-3.2	-1.5	2	J
6	470	9.1	44	J	3.6	-10	238	-1.8	-2.6	-1.3	1	J
7	466	8.6	38	J	3.7	8	219	-2.6	-2.2	0.0	2	J
8	464	8.3	46	J	4.0	11	218	-3.1	-2.5	0.4	1	J
9	456	8.2	47	J	4.1	6	219	-3.1	-2.5	0.1	1	J
10	450	7.8	47	J	4.0	0	224	-2.8	-2.7	-0.3	1	J
11	453	7.3	43	J	4.2	1	214	-3.4	-2.3	-0.2	1	J
12	449	6.8	36	J	4.4	-5	225	-3.0	-2.9	-0.7	1	J
13	440	7.1	39	J	5.1	20	280	0.8	-4.4	1.0	2	J
14	431	6.7	48	J	5.1	58	346	2.5	-1.2	3.9	2	J
15	413	6.0	51	J	4.5	45	7	3.0	-0.2	3.1	1	J
16	410	6.2	37	J	4.6	15	325	3.5	-2.6	0.5	1	J
17	411	5.2	24	J	4.1	-29	348	3.2	-0.1	-1.9	2	J
18	411	5.2	27	J	3.4	-50	353	1.8	0.5	-2.1	2	J
19	408	5.2	24	J	2.9	-5	287	0.5	-1.5	-0.8	2	J
20	403	4.5	14	J	3.9	-37	312	1.9	-1.0	-2.9	1	J
21	399	6.1	10	J	4.4	-35	305	2.0	-1.5	-3.5	1	J
22												
23												
24												

FEB. 5, 1993 (036)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17	366	12.1	19	J	3.1	21	286	0.8	-2.9	0.3	1	J
18	362	8.8	12	J	3.6	-24	3	3.2	0.6	-1.3	1	J
19					3.3	3	20	2.9	0.9	0.6	1	J
20												
21												
22												
23												
24												

93-02-06 - 93-02-16

FEB. 6, 1993 (037)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	344	18.0	13	J	3.4	16	125	-1.9	2.5	1.3	1	J
14	345	19.1	13	J	2.6	20	121	-1.2	1.8	1.1	1	J
15	346	19.8	14	J	2.5	51	49	0.9	0.7	1.9	2	J
16												
17												
18												
19												
20												
21												
22												
23												
24												

FEB. 7, 1993 (038)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22	617	11.2	608	J	11.9	-10	310	6.7	-6.1	-5.5	5	J
23					8.5	23	324	4.9	-4.4	0.4	5	J
24	639	6.4	221	J	9.2	26	316	5.3	-6.2	0.5	4	J

FEB. 8, 1993 (039)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	649	7.3	250	J	8.3	-5	297	2.6	-4.2	-2.9	6	J
2	683	7.1	207	J	7.9	-22	272	0.2	-3.1	-3.8	6	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14					8.0	13	334	6.5	-3.4	1.1	3	J
15					7.8	22	331	5.9	-3.8	2.0	3	J
16	626	4.2	103	J	7.9	-6	324	5.4	-3.6	-1.7	4	J
17	638	4.5	132	J	7.9	-17	324	5.2	-3.0	-3.0	4	J
18	664	4.9	151	J	7.3	16	336	5.0	-2.6	0.7	5	J
19	682	5.4	164	J	6.8	13	338	4.2	-2.0	0.3	5	J
20	698	5.4	172	J	7.0	-2	301	2.6	-3.8	-2.0	5	J
21	689	5.1	150	J	6.3	4	313	3.1	-3.0	-1.3	4	J
22	693	5.3	157	J	6.5	2	314	3.6	-3.3	-1.7	4	J
23	693	4.9	153	J	6.5	-43	319	2.9	-0.4	-4.4	4	J
24	706	4.5	170	J	6.5	5	316	3.2	-2.9	-1.2	5	J

FEB. 9, 1993 (040)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	682	4.1	83	J	5.8	-19	310	1.8	-1.4	-1.9	5	J
2	679	4.4	105	J	5.8	-20	6	4.5	1.2	-1.2	3	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	703	4.9	270	J	4.9	-18	94	-0.3	4.0	-0.8	3	J
13	690	4.8	240	J	5.2	-14	109	-1.4	4.1	-0.5	3	J
14	699	4.5	155	J	5.9	-19	319	4.0	-3.1	-2.4	2	J
15	691	4.1	153	J	5.2	-12	328	4.0	-2.2	-1.5	2	J
16	699	4.3	216	J	4.8	-5	320	3.4	-2.6	-1.1	2	J
17	703	3.9	185	J	4.7	-18	303	2.0	-2.5	-2.0	3	J
18	704	3.5	142	J	4.2	-18	271	0.0	-2.3	-1.9	3	J
19	678	3.5	162	J	4.7	-8	336	3.9	-1.3	-1.2	2	J
20	667	3.8	143	J	5.1	-5	310	2.8	-2.8	-1.8	3	J
21	649	4.1	175	J	5.3	-6	320	3.5	-2.4	-1.8	3	J
22	613	3.4	81	J	5.6	-1	349	5.0	-0.8	-0.6	2	J
23	628	3.9	100	J	5.1	1	313	3.1	-2.9	-1.6	2	J
24	615	3.6	60	J	5.9	3	349	5.8	-1.1	-0.3	1	J

FEB. 10, 1993 (041)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	615	3.3	54	J	6.0	4	346	5.7	-1.4	-0.4	1	J
2	623	4.0	189	J	5.7	0	338	5.1	-1.8	-1.0	2	J
3												
4												
5												
6												
7												
8												
9												
10	507	6.4	141	J	4.9	0	313	3.1	-3.3	-0.4	2	J
11	530	5.4	69	J	4.8	-4	293	1.7	-3.9	-0.8	2	J
12	529	5.1	41	J	5.3	-18	280	0.8	-4.4	-2.1	2	J
13	541	5.1	26	J	5.8	-17	265	-0.5	-4.9	-2.4	2	J
14	554	5.7	33	J	6.1	-28	234	-3.1	-3.7	-3.5	1	J
15	504	5.2	40	J	6.3	-8	324	4.9	-3.3	-1.6	2	J
16	507	4.8	40	J	6.0	16	350	5.5	-1.3	1.3	2	J
17	503	5.5	50	J	5.5	4	17	4.9	1.3	0.8	2	J
18	520	6.2	47	J	5.1	-60	348	1.6	0.7	-2.8	4	J
19	523	6.9	56	J	5.5	-61	292	0.9	-0.3	-4.9	2	J
20	516	7.0	66	J	5.1	21	359	3.4	-0.6	1.1	4	J
21	512	6.4	60	J	4.9	5	329	3.2	-1.9	-0.6	3	J
22	505	5.6	55	J	5.3	8	10	4.3	0.3	0.9	3	J
23	503	5.8	66	J	6.2	16	22	5.2	1.0	2.4	2	J
24	513	5.5	54	J	6.0	2	326	4.1	-2.4	-1.3	3	J

FEB. 11, 1993 (042)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	525	6.9	123	J	6.8	18	317	3.9	-4.0	-0.3	4	J
2	548	6.4	60	J	7.0	-27	295	2.1	-2.7	-4.3	4	J
3	581	5.7	84	J	5.6	-24	284	0.9	-2.6	-3.2	4	J
4	576	5.6	97	J	4.0	-37	281	0.5	-1.4	-2.6	3	J
5												
6												
7												
8												
9												
10	535	5.6	109	J	4.0	21	48	2.2	2.3	1.6	2	J
11	536	5.2	94	J	5.2	28	33	3.6	2.0	2.5	2	J
12	550	4.8	63	J	5.6	8	66	1.6	3.4	1.0	4	J
13	562	5.8	55	J	5.8	-21	121	-2.5	4.4	-1.2	3	J
14	558	5.3	75	J	5.0	-68	94	-0.1	1.4	-2.3	4	J
15	547	4.6	75	J	5.3	3	28	4.3	2.2	0.8	2	J
16	538	5.0	88	J	5.2	-18	23	4.3	2.2	-1.0	2	J
17	547	5.8	94	J	4.2	-58	153	-1.4	1.5	-2.2	3	J
18	554	5.5	88	J	5.3	-74	81	0.1	2.0	-2.7	4	J
19	537	5.3	106	J	5.3	-21	24	3.4	2.0	-0.7	4	J
20	539	5.5	123	J	4.9	-3	315	3.2	-2.8	-1.7	2	J
21	523	5.2	174	J	4.8	-3	356	4.5	-0.2	-0.4	2	J
22	509	6.1	173	J	5.8	22	355	5.1	-1.4	1.6	2	J
23	526	5.4	107	J	5.5	-36	303	2.1	-1.3	-4.1	3	J
24	526	5.8	126	J	6.6	-2	323	4.1	-2.5	-1.7	4	J

FEB. 12, 1993 (043)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	546	5.7	75	J	7.7	26	325	5.4	-4.9	0.9	2	J
2	528	5.9	79	J	8.3	12	344	7.8	-2.8	0.4	1	J
3	515	6.9	96	J	7.7	10	340	7.1	-2.9	0.0	1	J
4	517	7.3	75	J	6.3	17	323	4.6	-3.9	0.2	2	J
5	536	7.8	103	J	5.9	1	261	-0.7	-4.1	-1.5	4	J
6	503	7.6	78	J	6.3	0	324	4.8	-3.3	-1.0	2	J
7	499	7.5	85	J								
8	508	8.5	80	J								
9	504	8.1	106	J								
10	519	7.5	108	J								
11	519	6.9	108	J								
12	501	6.3	91	J								
13	523	7.0	72	J								
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

FEB. 16, 1993 (047)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9	309	31.0	100	J								
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

93-02-17 - 93-02-24

FEB. 17, 1993 (048)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	474	15.6	65	J								
16	503	9.0	173	J								
17												
18												
19												
20												
21												
22												
23												
24												

FEB. 18, 1993 (049)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	445	4.5	23	J								
14	440	5.4	32	J	5.2	12	24	4.5	1.7	1.4	1	J
15	439	5.6	42	J	5.0	-13	4	4.2	0.5	-0.9	2	J
16												
17												
18												
19												
20	440	5.9	26	J	5.5	-60	349	2.4	1.5	-3.9	3	J
21					5.5	-51	1	3.4	2.2	-3.6	1	J
22												
23												
24												

FEB. 19, 1993 (050)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	407	9.0	33	J	4.4	37	320	2.3	-2.3	1.8	2	J
14	402	8.4	36	J	4.0	10	339	2.2	-0.9	0.2	3	J
15	383	9.2	67	J	4.5	19	353	4.1	-0.8	1.3	1	J
16	389	9.0	50	J	4.3	19	355	2.8	-0.5	0.9	3	J
17	386	8.7	50	J	4.7	-3	20	4.4	1.6	0.3	1	J
18												
19	384	10.7	72	J	4.7	14	359	4.4	-0.5	0.9	1	J
20	379	9.5	51	J	4.8	15	342	4.1	-1.7	0.4	2	J
21												
22												
23	365	6.7	22	J	6.0	19	339	5.2	-2.7	0.5	1	J
24	366	7.0	20	J	6.1	23	341	5.2	-2.8	1.0	1	J

FEB. 20, 1993 (051)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	377	10.9	69	J	7.6	33	334	5.6	-4.4	2.0	3	J
2	409	12.1	23	J	10.2	52	312	4.2	-8.0	4.5	2	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	518	19.9	240	J	19.5	15	127	-11.0	13.5	7.5	4	J
14	525	20.9	253	J	17.0	8	136	-11.3	10.2	4.5	6	J
15	518	17.1	197	J	17.1	9	144	-13.1	8.6	4.9	5	J
16	540	16.9	322	J	16.6	11	131	-9.8	9.9	6.1	6	J
17	543	16.9	343	J	15.3	5	121	-7.0	10.5	5.1	7	J
18	527	17.2	321	J	14.6	1	130	-8.5	9.3	4.2	6	J
19	524	18.2	357	J	13.5	11	142	-7.7	4.6	4.3	9	J
20	518	17.1	425	J	13.9	-4	146	-7.4	4.7	1.8	11	J
21	526	13.5	319	J	15.8	5	126	-8.9	9.9	7.4	4	J
22	522	12.8	314	J	14.3	12	124	-7.8	8.2	8.6	2	J
23												
24												

FEB. 21, 1993 (052)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	697	5.9	187	J	7.2	39	139	-3.0	1.7	3.8	5	J
16	700	5.5	192	J	6.5	-9	140	-3.4	2.9	0.2	5	J
17	728	5.2	254	J	6.2	-60	201	-1.7	0.5	-3.2	5	J
18	699	4.5	153	J	7.1	8	156	-4.0	1.4	1.3	6	J
19	703	4.1	171	J	6.7	27	151	-4.2	1.0	3.2	4	J
20	727	4.0	328	J	6.4	-43	147	-3.1	3.4	-2.0	4	J
21	729	3.6	263	J	6.9	11	156	-5.2	1.4	2.1	4	J
22	745	3.2	155	J	7.4	8	144	-5.4	2.9	2.9	3	J
23	758	3.6	226	J	7.5	24	137	-4.5	2.0	4.6	3	J
24	764	3.9	230	J	7.6	21	129	-3.4	2.4	4.0	5	J

FEB. 22, 1993 (053)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11	645	4.4	215	J	7.8	-9	141	-5.3	4.4	-0.3	4	J
12	653	3.6	212	J	6.3	-9	171	-4.8	0.9	-0.6	4	J
13	672	3.1	156	J	5.8	-11	139	-3.1	2.8	-0.3	4	J
14	694	3.0	148	J	5.8	-1	117	-2.2	4.3	0.9	3	J
15	672	2.8	138	J	5.4	14	147	-3.7	2.0	1.7	3	J
16	674	2.8	149	J	5.5	-19	197	-4.2	-0.8	-1.8	3	J
17	668	2.5	124	J	5.6	8	212	-4.1	-2.6	-0.3	3	J
18	665	2.5	114	J	5.8	-4	201	-4.7	-1.5	-1.0	3	J
19	709	2.5	144	J	5.8	-29	131	-1.3	1.9	-0.3	5	J
20	649	2.4	144	J	5.6	5	188	-5.1	-0.9	0.1	2	J
21	658	2.4	126	J	5.6	-6	182	-4.4	0.1	-0.5	3	J
22												
23												
24												

FEB. 23, 1993 (054)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9	611	2.5	59	J	5.1	-22	99	-0.7	4.7	-0.9	1	J
10	623	2.6	62	J	4.8	-28	91	-0.1	4.1	-1.3	2	J
11	563	2.3	42	J	5.1	-3	113	-1.8	4.1	0.5	2	J
12	595	2.6	47	J	5.4	-2	324	4.2	-3.0	-0.7	1	J
13	605	2.7	44	J	5.6	3	50	1.3	1.5	0.4	5	J
14	607	2.9	51	J	5.8	-5	69	1.9	5.0	0.7	2	J
15					5.8	-7	73	1.6	5.2	0.7	2	J
16	558	3.0	53	J	5.7	-14	117	-2.4	4.8	0.2	2	J
17	551	3.3	51	J	6.0	8	159	-4.6	1.4	1.3	3	J
18	546	3.3	39	J	6.0	21	183	-5.4	-1.1	1.8	2	J
19	555	3.6	62	J	5.5	27	197	-4.3	-2.2	1.5	2	J
20	549	3.9	97	J	5.1	44	192	-3.2	-2.1	2.4	2	J
21	548	4.0	94	J	5.0	33	153	-3.3	0.2	2.9	2	J
22	550	4.3	87	J	5.3	48	143	-2.7	-0.3	4.2	1	J
23	543	4.4	102	J	5.4	39	143	-3.0	0.2	3.8	2	J
24	556	4.4	90	J	5.0	8	114	-1.9	3.1	2.8	2	J

FEB. 24, 1993 (055)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	547	4.4	96	J	4.7	-6	113	-1.4	2.9	1.4	3	J
2	537	5.1	171	J	4.8	-25	109	-1.1	3.5	0.3	3	J
3	532	4.0	145	J	4.2	-9	181	-2.3	0.1	-0.3	3	J
4	519	4.6	151	J	4.7	13	192	-3.8	-1.1	0.5	3	J
5	506	4.8	167	J	4.9	19	195	-4.2	-1.6	0.9	2	J
6												
7												
8					5.2	5	161	-4.8	1.5	0.8	1	J
9	511	4.7	47	J	5.4	10	122	-2.6	3.9	1.7	2	J
10	508	5.1	47	J	5.5	-1	128	-3.1	4.0	0.7	2	J
11	499	5.3	67	J	4.7	1	187	-3.7	-0.5	0.0	3	J
12	495	5.2	61	J	4.9	7	200	-4.0	-1.5	0.3	2	J
13	492	5.9	83	J	4.7	11	179	-3.7	-0.1	0.7	3	J
14	499	6.0	63	J	5.0	17	123	-1.1	1.5	1.0	5	J
15	491	6.0	64	J	5.7	43	205	-3.4	-2.5	3.0	2	J
16	477	6.2	97	J	5.3	27	139	-3.5	2.2	3.2	1	J
17	478	6.2	94	J	5.5	-1	204	-1.9	-0.8	-0.3	5	J
18	459	6.5	155	J	5.1	11	134	-3.2	2.7	2.2	2	J
19	493	5.4	48	J	5.2	4	94	-0.3	4.2	2.5	2	J
20	497	5.3	39	J	5.6	2	63	2.4	4.0	2.5	2	J
21	480	5.5	41	J	5.6	-4	74	1.4	4.5	2.3	2	J
22	494	6.2	60	J	5.4	-10	57	2.4	3.6	1.3	3	J
23	461	4.7	51	J	4.8	38	135	-2.1	0.5	3.0	3	J
24	457	4.1	63	J	4.9	54	155	-2.3	-1.0	3.5	2	J

93-02-25 - 93-03-06

FEB. 25, 1993 (056)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	442	4.6	84	J	4.5	-8	171	-3.9	0.8	-0.1	2	J
2	445	5.2	80	J	4.9	-2	172	-3.7	0.5	0.2	3	J
3	438	5.1	79	J	5.3	-3	179	-4.9	0.2	-0.2	2	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

FEB. 28, 1993 (059)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7	367	8.6	317	J								
8	366	9.3	355	J								
9	373	10.5	345	J								
10	387	11.2	341	J								
11	388	11.2	431	J								
12	401	12.0	525	J								
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

MAR. 1, 1993 (060)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7	486	19.9	129	J								
8	480	16.7	98	J								
9	486	18.0	126	J								
10	484	16.3	179	J								
11	475	18.8	151	J								
12	482	13.7	223	J								
13	497	12.0	277	J								
14	503	10.1	296	J								
15												
16	480	8.7	126	J								
17												
18												
19												
20												
21												
22												
23	425	9.5	35	J	9.0	6	72	2.7	6.4	5.4	1	J
24	419	8.8	30	J	9.6	4	65	4.0	6.8	5.4	1	J

MAR. 2, 1993 (061)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17	509	9.7	143	J	5.2	-25	249	-1.6	-3.0	-3.4	2	J
18	507	9.2	135	J	5.8	-34	291	0.9	-1.5	-2.6	5	J
19												
20												
21												
22	537	7.8	133	J	6.6	-10	212	-5.2	-2.1	-2.7	3	J
23	539	8.0	144	J	6.6	-14	216	-4.9	-2.1	-3.3	2	J
24	511	8.0	126	J	5.2	-7	120	-1.9	3.0	1.5	3	J

MAR. 3, 1993 (062)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	535	6.8	176	J	4.5	5	323	2.7	-1.9	-0.9	3	J
2												
3												
4												
5												
6												
7	539	6.2	80	J	5.5	-30	268	-0.1	-3.2	-3.5	3	J
8	556	6.9	45	J	5.3	-20	279	0.6	-3.5	-2.5	3	J
9	568	7.0	54	J	5.0	-27	207	-3.8	-1.4	-2.6	2	J
10					5.2	-35	278	0.6	-3.5	-3.7	1	J
11												
12												
13					7.0	-35	37	4.6	4.2	-3.2	1	J
14	499	6.8	64	J	7.3	-10	323	3.5	-2.3	-1.4	6	J
15	513	7.8	77	J	7.0	33	288	1.4	-4.9	1.6	5	J
16	485	6.9	91	J	7.0	17	317	4.8	-4.9	0.5	1	J
17												
18												
19	504	9.5	61	J	6.4	-24	206	-4.7	-1.0	-3.1	3	J
20	460	10.2	72	J	6.4	-64	228	-1.6	0.9	-5.2	3	J
21	484	10.2	41	J	6.7	-40	215	-3.9	-0.2	-4.8	3	J
22	479	11.5	41	J	6.7	-27	213	-5.0	-1.0	-4.3	1	J
23	473	12.0	38	J	6.4	-24	224	-3.4	-1.5	-3.5	4	J
24	458	18.1	22	J	6.0	-17	240	-2.7	-2.9	-4.0	2	J

MAR. 4, 1993 (063)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	458	13.5	28	J	6.2	-34	241	-2.4	-1.8	-5.2	2	J
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	415	6.0	24	J	5.5	45	165	-3.8	0.2	4.0	0	J
14	423	8.1	43	J	5.2	80	176	-0.7	-0.9	3.6	4	J
15	405	7.4	56	J	5.4	24	355	4.6	-0.9	1.8	2	J
16	438	8.8	37	J	5.6	-3	246	-1.7	-3.6	-1.4	4	J
17	430	9.9	30	J	5.2	-1	242	-2.3	-3.9	-1.6	2	J
18	408	7.7	37	J	5.1	-2	322	4.0	-2.8	-1.5	0	J
19	396	8.1	44	J	5.1	-10	327	4.1	-2.0	-2.0	1	J
20	389	7.5	60	J	4.8	-11	11	4.3	1.2	-0.3	2	J
21	391	6.7	61	J	4.5	24	13	3.8	-0.2	2.0	1	J
22	394	6.2	52	J	3.8	33	11	2.9	-0.6	1.9	2	J
23	393	6.7	39	J	3.4	3	293	1.1	-2.1	-1.3	2	J
24	392	6.2	36	J	3.2	-26	318	1.8	-0.7	-1.9	2	J

MAR. 5, 1993 (064)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	393	6.7	25	J	3.4	-30	289	0.8	-1.2	-2.6	1	J
2	400	8.2	22	J	4.5	-11	269	-0.1	-3.1	-2.9	2	J
3	418	8.6	32	J	4.6	-5	260	-0.7	-3.5	-2.4	2	J
4	405	9.6	24	J	4.5	-2	268	-0.2	-3.9	-2.2	0	J
5												
6												
7												
8												
9												
10	395	13.0	18	J	5.1	-10	267	-0.3	-4.6	-1.9	1	J
11	375	11.9	22	J	6.0	21	2	4.7	-0.2	1.8	3	J
12	364	10.1	27	J	5.5	30	350	4.6	-1.3	2.5	1	J
13	381	8.3	29	J	5.2	29	328	3.6	-2.7	1.8	2	J
14	396	5.2	45	J	5.3	9	4	5.1	0.1	0.9	1	J
15	394	5.0	45	J	5.4	0	349	5.1	-1.0	-0.3	1	J
16	401	4.4	33	J	4.9	-3	336	4.4	-1.8	-0.9	1	J
17	395	4.8	33	J	4.8	-20	328	3.8	-1.6	-2.4	1	J
18	381	5.1	46	J	4.5	2	319	3.2	-2.6	-1.0	2	J
19	386	4.6	36	J	4.2	-2	307	2.4	-2.8	-1.6	1	J
20					4.3	-12	333	3.7	-1.2	-1.7	1	J
21	352	6.1	45	J	4.5	10	345	4.3	-1.4	0.1	1	J
22	359	5.9	36	J	4.8	5	334	3.8	-1.7	-0.7	2	J
23	377	5.3	21	J	4.5	-3	297	2.0	-3.2	-2.4	0	J
24	365	5.7	18	J	4.2	1	300	2.0	-3.0	-1.9	1	J

MAR. 6, 1993 (065)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	368	5.9	22	J	4.0	-4	315	2.8	-2.2	-1.8	1	J
2	362	6.7	21	J	3.6	-13	320	2.7	-1.5	-1.9	1	J
3												
4												
5												
6												
7												
8												
9	362	22.9	16	J	5.9	13	322	4.0	-3.3	0.4	4	J
10	359	22.1	31	J	6.3	12	335	5.4	-2.7	0.7	2	J
11	365	19.3	45	J	5.8	12	337	4.9	-2.2	0.7	3	J
12	360	13.0	43	J	7.7	22	339	6.5	-3.0	2.3	2	J
13	363	12.8	21	J	7.2	9	332	5.9	-3.3	0.4	2	J
14	362	12.2	18	J	7.1	-2	327	5.9	-3.6	-1.2	1	J
15	361	13.9	17	J	6.7	1	322	5.2	-3.9	-1.0	1	J
16	356	18.0	22	J	6.1	6	331	4.3	-2.4	-0.3	4	J
17	362	20.5	23	J	5.7	-12	309	2.7	-2.8	-2.1	4	J
18	367	19.9	21	J	6.4	-19	294	2.1	-3.6	-3.6	3	J
19	363	16.8	25	J	7.0	-20	292	2.4	-4.2	-4.8	2	J
20	359	18.9	41	J	4.8	-23	313	2.6	-1.6	-2.8	3	J
21	359	19.2	47	J	5.6	0	320	4.0	-2.8	-1.8	2	J
22	373	20.5	38	J	5.2	-44	327	2.6	0.3	-3.4	3	J
23	363	22.3	42	J	5.6	-4	31	3.5	1.9	1.0	4	J
24	357	23.1	46	J	6.8	29	39	4.5	1.2	4.7	1	J

93-03-07 - 93-03-18

MAR. 7, 1993 (066)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	355	27.4	51	J	5.8	38	5	4.5	-1.6	3.1	1	J
2												
3												
4												
5												
6												
7												
8												
9	369	14.9	48	J	10.4	30	73	2.1	5.6	5.5	7	J
10	389	11.8	45	J	10.4	39	24	7.3	1.8	7.0	2	J
11	385	9.1	30	J	11.4	36	62	4.3	6.6	8.2	1	J
12	377	9.2	32	J	10.7	34	57	4.8	6.0	7.3	1	J
13	396	8.0	60	J	10.3	19	357	9.2	-1.2	3.0	4	J
14	414	6.7	44	J	9.9	5	355	8.9	-1.0	0.6	4	J
15	392	11.2	168	J	9.0	2	353	8.8	-1.1	0.0	2	J
16	403	8.7	73	J	9.0	-8	332	7.3	-3.3	-2.4	4	J
17	398	6.8	27	J	10.1	3	338	9.4	-3.7	-0.9	1	J
18	403	7.2	27	J	9.8	9	342	8.9	-3.3	0.1	2	J
19	361	19.5	200	J	9.5	-5	318	6.6	-4.9	-3.5	3	J
20												
21	405	7.6	99	J	8.6	10	305	2.9	-3.9	-1.5	7	J
22	382	10.3	166	J	8.3	-8	308	4.9	-4.6	-4.4	2	J
23	404	5.5	26	J	7.6	-19	324	5.6	-2.0	-4.3	2	J
24	402	5.9	23	J	7.3	-42	328	4.4	0.4	-5.4	2	J

MAR. 8, 1993 (067)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	399	5.6	17	J	7.0	-67	327	2.2	2.2	-5.9	2	J
2	383	7.6	18	J	6.2	-59	302	1.6	0.5	-5.7	2	J
3	375	9.7	24	J	4.4	-4	65	1.0	1.9	0.9	4	J
4					5.8	-7	45	4.1	3.9	1.2	1	J
5												
6												
7												
8	363	14.8	37	J	5.2	-19	344	2.6	-0.5	-1.1	4	J
9	354	15.2	51	J	5.9	5	331	4.7	-2.6	-0.2	3	J
10	361	14.8	45	J	6.0	-8	311	3.7	-4.0	-1.7	2	J
11	367	15.8	54	J	5.9	-2	335	5.2	-2.3	-0.7	2	J
12	366	16.5	58	J	6.2	-5	338	5.4	-2.0	-0.9	2	J
13	374	15.8	35	J	8.2	-16	319	5.8	-4.4	-3.3	2	J
14	385	16.6	36	J	8.7	-27	295	2.9	-5.1	-4.9	4	J
15	393	19.7	41	J	9.5	-80	225	-1.0	1.3	-7.9	5	J
16	384	24.0	57	J	7.7	-25	24	4.6	2.7	-1.5	5	J
17	399	23.6	76	J	10.0	3	274	0.2	-3.1	-1.1	10	J
18	443	21.9	97	J	9.3	-19	157	-5.9	3.2	-0.9	7	J
19	425	25.2	52	J	12.9	34	137	-7.6	3.0	9.5	3	J
20	427	34.5	74	J	14.6	18	143	-10.6	4.7	7.7	5	J
21	417	28.2	66	J	15.9	24	130	-4.5	2.9	5.5	14	J
22	437	40.9	123	J	21.9	34	324	11.7	-12.5	3.4	16	J
23	521	50.8	262	J	30.9	43	309	11.9	-22.1	6.2	18	J
24	586	42.0	791	J	32.1	9	295	11.0	-21.7	-9.9	19	J

MAR. 9, 1993 (068)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	545	39.6	1067	J	29.7	21	310	15.2	-20.2	-2.5	16	J
2	551	27.9	714	J	33.3	3	315	22.9	-20.3	-10.7	8	J
3	557	32.9	1012	J	33.7	-9	302	17.3	-21.4	-18.2	7	J
4	570	26.9	628	J	29.1	-4	301	14.9	-21.2	-13.1	3	J
5					23.0	-28	77	1.1	5.3	-0.4	23	J
6	603	18.3	345	J	17.0	-53	110	-3.0	11.9	-7.9	12	J
7	644	7.2	264	J	11.7	34	351	9.2	-3.3	5.5	5	J
8	680	4.8	79	J	12.3	12	358	10.9	-1.0	2.1	6	J
9												
10	626	8.6	102	J	4.0	-53	341	2.1	-0.1	-3.0	2	J
11	617	8.7	102	J	3.4	74	220	-0.3	-0.6	1.4	4	J
12	611	7.8	95	J	5.4	39	5	3.5	-0.3	2.8	3	J
13												
14												
15												
16					4.2	15	334	1.6	-0.9	0.2	4	J
17	580	15.9	23	J	3.9	24	311	2.2	-2.9	0.4	2	J
18					3.7	33	319	2.3	-2.6	0.9	1	J
19	576	15.6	163	J	6.8	34	344	5.3	-3.1	2.6	2	J
20	574	15.9	117	J	6.6	44	331	3.6	-3.8	2.4	3	J
21												
22												
23												
24												

MAR. 14, 1993 (073)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14					7.4	14	303	3.8	-6.0	0.2	2	J
15					7.5	-2	331	6.2	-3.2	-1.2	2	J
16												
17												
18												
19												
20												
21												
22												
23												
24	568	3.7	134	J	5.1	-38	144	-2.9	3.4	-1.1	2	J

MAR. 15, 1993 (074)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	565	3.6	184	J	4.6	-2	355	4.3	-0.2	-0.3	2	J
2					5.2	-44	348	3.6	1.2	-3.4	1	J
3					4.3	6	346	3.6	-1.0	-0.1	2	J
4												
5												
6	627	7.0	262	J	10.6	-43	307	4.5	-3.0	-8.6	3	J
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19	457	10.4	18	J	9.1	9	309	5.5	-6.6	-2.0	2	J
20	452	9.4	38	J	9.0	31	332	6.5	-5.2	2.0	3	J
21	448	9.1	61	J	9.2	20	323	6.4	-5.6	-0.2	4	J
22	449	10.7	67	J	9.7	4	308	5.9	-6.6	-3.7	2	J
23	451	13.0	64	J	10.2	-15	309	6.1	-4.7	-6.4	2	J
24												

MAR. 16, 1993 (075)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	464	18.4	120	J	8.5	-63	351	3.4	3.3	-5.9	4	J
2					8.1	-13	315	2.0	-1.3	-1.6	8	J
3	496	16.7	70	J	11.4	-9	107	-2.9	9.1	3.4	5	J
4	502	16.6	49	J	11.4	22	122	-5.5	5.9	7.8	2	J
5	493	14.7	51	J	11.8	50	107	-0.8	1.0	3.9	11	J
6	487	12.4	31	J	13.1	-23	307	7.0	-6.8	-7.9	3	J
7	477	12.1	54	J	11.6	0	317	7.5	-6.6	-2.2	5	J
8					11.6	16	319	7.0	-6.6	0.9	6	J
9												
10												
11												
12												
13												
14	522	10.6	177	J	11.4	-13	32	9.3	6.2	-1.0	2	J
15	531	9.1	186	J	10.1	-7	324	5.9	-3.8	-2.1	7	J
16	566	6.0	83	J	7.3	35	5	4.5	-0.7	3.1	5	J
17	564	5.8	86	J	7.2	-31	325	4.5	-1.6	-4.3	3	J
18	557	5.7	86	J	6.9	-27	327	4.9	-1.6	-4.0	2	J
19	537	5.6	98	J	6.2	-8	344	5.5	-1.0	-1.5	2	J
20	565	5.4	83	J	6.7	9	17	3.8	0.7	1.1	5	J
21	556	5.7	91	J	7.3	22	52	3.7	2.7	4.6	3	J
22	542	5.5	138	J	6.7	9	346	5.6	-1.7	0.0	3	J
23	540	5.6	125	J	6.7	13	22	4.6	0.9	2.0	4	J
24	541	5.2	121	J	7.0	-14	319	4.5	-2.4	-3.5	3	J

MAR. 17, 1993 (076)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	563	4.9	96	J	6.9	27	316	2.9	-3.5	0.2	5	J
2	516	6.4	219	J	7.3	7	345	5.8	-1.7	-0.2	4	J
3	534	5.3	137	J	7.5	-4	304	4.1	-5.0	-3.5	1	J
4												
5												
6												
7												
8												
9												
10	516	5.1	108	J	6.7	-18	323	4.3	-2.8	-2.4	4	J
11	519	5.0	96	J	7.1	-18	315	4.4	-3.9	-2.9	3	J
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

MAR. 18, 1993 (077)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	609	4.3	88	J	5.3	35	308	2.7	-4.0	2.2	1	J
11	584	4.6	124	J	5.4	9	321	3.9	-3.3	0.1	2	J
12	566	6.4	258	J	5.3	-17	305	2.5	-3.2	-2.1	3	J
13	572	4.8	192	J	5.1	0	9	3.7	0.6	0.1	4	J
14	577	3.8	61	J	5.7	16	40	4.2	3.0	2.4	1	J
15												
16					5.4	13	28	4.6	1.9	1.9	0	J
17	551	3.9	58	J	5.2	-2	16	4.8	1.3	0.4	1	J
18	551	3.8	61	J	4.9	4	12	4.6	0.7	0.7	2	J
19	554	3.7	48	J	5.0	10	351	4.6	-1.0	0.4	2	J
20	549	3.9	46	J	5.4	15	3	5.0	-0.5	1.3	2	J
21	549	4.1	70	J	5.7	15	4	5.2	-0.5	1.4	2	J
22	549	4.0	75	J	5.4	8	354	5.0	-0.8	0.3	2	J
23	539	3.6	69	J	5.3	6	346	4.9	-1.3	-0.3	1	J
24	520	4.0	100	J	5.4	13	1	5.2	-0.6	1.0	1	J

93-03-19 - 93-03-30

MAR. 19, 1993 (078)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	520	5.0	117	J	6.0	9	352	5.8	-1.2	0.3	1	J
2	519	3.8	87	J	4.7			4.5	0.0	0.0	1	J
3					5.3	-8	0	5.1	0.4	-0.6	1	J
4	501	4.5	189	J	5.4	12	350	5.0	-1.3	0.6	2	J
5	475	6.1	239	J	5.1	-2	2	4.7	0.2	-0.1	2	J
6	487	5.2	124	J	5.1	2	7	4.8	0.5	0.4	2	J
7	480	6.4	121	J	5.6	-3	3	5.0	0.3	-0.2	3	J
8	483	7.6	250	J	5.5	-7	349	5.2	-0.8	-0.9	2	J
9					5.5	-21	319	3.2	-2.3	-2.2	3	J
10					5.8	-12	339	4.5	-1.5	-1.4	3	J
11	497	4.7	48	J	5.9	-5	339	5.1	-1.8	-0.9	2	J
12	490	4.5	59	J	6.1	12	352	5.6	-1.0	1.0	2	J
13	491	4.7	67	J	6.2	17	352	5.6	-1.2	1.5	2	J
14	482	5.7	119	J	6.4	4	344	5.8	-1.7	0.0	2	J
15	506	5.9	67	J	5.8	-36	301	2.0	-2.4	-3.7	3	J
16	504	6.9	63	J	4.8	-26	317	2.2	-1.4	-2.0	4	J
17	485	7.1	91	J	5.6	-6	343	4.9	-1.2	-1.1	2	J
18	483	7.0	90	J	6.0	8	331	5.0	-2.9	-0.5	2	J
19	484	7.6	102	J	5.7	12	329	4.6	-3.0	-0.3	2	J
20	473	8.4	152	J	5.9	12	341	5.4	-2.2	0.1	1	J
21	482	8.3	81	J	5.0	24	296	1.7	-3.8	-0.4	3	J
22	473	8.2	80	J	5.4	46	318	2.5	-3.8	1.6	2	J
23	460	7.9	76	J	6.1	30	357	5.1	-1.9	2.3	1	J
24	454	7.1	33	J	6.3	25	350	5.4	-2.3	1.6	2	J

MAR. 20, 1993 (079)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	462	7.5	55	J	6.2	26	318	3.5	-3.9	0.2	3	J
2	461	8.0	56	J	6.1	29	308	3.1	-4.9	0.3	2	J
3												
4												
5												
6												
7	472	25.6	61	J	3.6	39	75	0.5	1.2	1.9	3	J
8	483	13.7	90	J	9.3	3	101	-1.7	8.2	2.8	4	J
9	484	11.1	106	J	9.3	6	154	-8.0	3.6	1.9	2	J
10	508	8.9	67	J	9.9	9	106	-2.5	8.1	3.3	4	J
11	506	13.4	131	J	10.3	-47	69	2.3	7.3	-5.5	4	J
12	515	8.6	121	J	10.6	-3	127	-5.5	7.2	1.1	5	J
13	536	7.7	170	J	9.6	0	119	-4.2	7.4	1.7	4	J
14	527	7.7	183	J	9.1	-10	123	-4.5	7.0	0.4	4	J
15	530	7.3	151	J	8.6	-2	136	-5.9	5.5	1.4	3	J
16	534	6.9	191	J	6.9	-11	153	-5.9	3.2	-0.2	2	J
17	540	6.3	158	J	6.1	-42	130	-2.5	4.1	-2.1	3	J
18					4.9	-39	92	-0.1	4.6	-1.1	2	J
19	503	6.7	74	J	6.8	-12	120	-3.0	5.2	1.4	3	J
20	476	9.4	97	J	6.6	12	136	-4.5	3.0	3.4	1	J
21	471	9.5	74	J	7.2	0	139	-5.3	3.9	2.5	2	J
22	448	12.1	67	J	6.4	-3	147	-5.2	3.0	1.6	2	J
23	425	14.5	111	J	6.7	-11	160	-6.0	2.5	0.2	1	J
24	430	20.9	58	J	6.4	15	142	-4.6	2.1	3.4	2	J

MAR. 21, 1993 (080)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	436	23.8	50	J	6.4	-2	131	-3.6	3.6	2.1	3	J
2	454	19.7	63	J	9.0	-20	120	-3.2	5.9	1.0	6	J
3	472	18.2	81	J	11.7	-12	120	-5.4	9.2	2.7	4	J
4	496	10.4	109	J	13.5	-22	126	-7.2	11.1	0.1	3	J
5	553	11.1	228	J	11.9	4	128	-6.0	6.7	3.7	7	J
6	546	11.3	250	J	12.1	9	146	-9.4	5.3	4.0	4	J
7												
8	629	6.2	194	J	10.6	27	161	-7.7	1.4	4.7	6	J
9	677	7.4	339	J	7.8	32	171	-4.9	0.0	3.2	5	J
10	693	7.3	321	J	7.3	54	165	-3.5	-0.2	5.1	4	J
11	679	7.6	294	J	6.3	-10	151	-4.7	2.7	-0.4	3	J
12	693	7.5	300	J	6.5	-1	147	-3.0	1.9	0.4	5	J
13	689	8.2	303	J	7.7	61	205	-3.1	-2.8	5.6	3	J
14	689	8.6	342	J	8.1	25	126	-2.7	3.1	3.0	6	J
15	679	8.6	294	J	7.6	-37	191	-3.8	0.1	-3.0	6	J
16	695	6.2	219	J	6.0	36	197	-2.8	-1.5	1.7	5	J
17	721	5.8	282	J	6.4	37	108	-1.1	2.0	3.6	5	J
18	683	5.9	160	J	6.7	17	203	-4.9	-2.6	0.6	4	J
19	656	5.1	139	J	6.5	16	176	-5.5	-0.4	1.6	3	J
20	658	4.8	150	J	8.1	15	181	-7.2	-1.1	1.6	3	J
21	673	4.1	154	J	7.0	23	96	-0.6	3.4	5.1	3	J
22	655	4.1	125	J	7.2	10	116	-2.9	4.2	4.3	3	J
23	612	4.1	151	J	7.8	-16	175	-6.5	1.5	-1.2	4	J
24	632	4.0	155	J	8.4	-6	147	-5.2	3.1	1.4	6	J

MAR. 22, 1993 (081)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	635	3.6	147	J	6.1	-9	112	-1.8	4.2	1.9	3	J
2	624	3.4	99	J	6.0	-9	150	-4.6	2.7	0.7	3	J
3	644	4.9	101	J	4.9	21	99	-0.4	1.9	2.3	4	J
4	618	5.0	84	J	5.1	39	189	-2.7	-1.4	1.8	4	J
5	606	5.1	95	J								
6	625	5.3	92	J								
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

MAR. 26, 1993 (085)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	506	4.0	29	J	4.6	55	259	-0.4	-2.7	2.3	3	J
15	497	4.3	35	J	4.6	44	243	-1.3	-3.3	2.0	2	J
16	492	4.5	42	J	4.6	33	215	-2.4	-2.2	1.2	3	J
17												
18												
19												
20												
21												
22												
23												
24												

MAR. 28, 1993 (087)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	372	6.9	22	J	6.1	-20	280	1.0	-4.9	-3.4	1	J
15	348	7.4	34	J	6.2	-28	279	0.8	-4.3	-4.3	0	J
16					6.8	-26	273	0.3	-4.1	-4.1	4	J
17	390	7.9	17	J	7.1	-28	256	-1.5	-4.3	-5.3	1	J
18												
19												
20												
21												
22												
23												
24												

MAR. 29, 1993 (088)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					7.2	-59	357	3.7	3.2	-5.2	1	J
2	372	10.8	18	J	8.3	-64	6	3.4	3.9	-5.7	3	J
3					8.9	-72	336	2.5	3.2	-7.9	1	J
4												
5												
6												
7												
8												
9	381	8.0	13	J	12.1	-7	48	8.0	8.9	0.7	2	J
10	364	7.6	11	J	11.7	11	42	8.5	7.0	3.8	1	J
11	360	7.2	8	J	11.3	15	51	6.8	7.6	4.5	1	J
12	359	9.9	16	J	11.1	14	49	5.6	5.9	3.4	7	J
13	366	13.3	14	J	11.3	37	37	7.1	3.7	7.7	2	J
14	363	11.1	16	J	11.2	39	29	7.6	2.3	7.9	1	J
15	360	13.8	32	J	10.7	29	22	8.6	1.9	5.9	2	J
16	354	14.5	25	J	11.7	36	13	9.1	-0.3	7.1	2	J
17	365	16.5	24	J	12.7	48	9	8.3	-2.3	9.1	2	J
18	361	16.5	23	J	12.9	49	14	8.0	-2.3	9.4	3	J
19	368	18.8	21	J	13.3	51	353	8.0	-5.6	8.3	4	J
20	367	18.2	13	J	14.1	53	9	8.3	-4.6	10.3	2	J
21	359	17.6	18	J	14.1	48	11	9.2	-4.1	9.7	2	J
22	360	21.3	24	J	13.6	26	333	8.3	-6.1	1.4	9	J
23	358	24.3	33	J	14.3	27	305	6.0	-10.1	-0.5	8	J
24	348	23.6	33	J	13.8	36	341	8.8	-6.3	3.9	8	J

MAR. 30, 1993 (089)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	358	23.6	38	J	12.1	43	334	8.0	-7.8	4.8	0	J
2	349	22.5	56	J	11.6	41	329	7.4	-7.8	4.1	2	J
3	331	17.8	23	J	11.4	11	311	7.3	-8.4	-2.2	1	J
4	330	17.9	24	J	11.1	15	311	7.0	-8.4	-1.1	1	J
5												
6												
7												
8	398	7.4	86	J	13.1	3	287	3.6	-11.7	-2.6	4	J
9	387	7.8	103	J	12.8	18	293	4.7	-11.6	1.2	2	J
10	382	9.5	114	J	12.4	12	293	4.5	-11.0	0.1	4	J
11	372	7.4	92	J	13.2	34	309	6.8	-9.7	5.4	2	J
12	386	6.4	94	J	13.1	2	283	2.8	-11.8	-2.0	5	J
13	394	7.4	189	J	11.6	-2	297	4.6	-8.7	-2.3	6	J
14	387	7.8	122	J	12.0	10	298	5.5	-10.4	-0.6	2	J
15	394	8.5	72	J	12.2	-3	294	3.5	-7.3	-2.6	9	J
16	383	13.0	78	J	11.3	-47	251	-2.4	-4.0	-9.8	3	J
17	372	10.9	69	J	10.4	-18	282	2.0	-7.6	-6.5	1	J
18	356	10.6	76	J	10.4	16	305	5.3	-8.0	-0.9	4	J
19	346	9.9	58	J	9.7	11	320	6.5	-5.6	-1.1	4	J
20	360	11.1	57	J	9.4	35	310	4.3	-6.7	1.4	5	J
21	358	11.7	66	J	8.1	25	316	4.3	-5.0	0.1	5	J
22	352	11.3	52	J	8.0	19	320	5.2	-4.9	-0.5	4	J
23	372	9.8	36	J	8.0	9	286	2.1	-6.8	-3.2	2	J
24												

93-03-31 - 93-04-11

MAR. 31, 1993 (090)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2	357	7.0	48	J	5.3	-10	348	4.8	-0.4	-1.3	2	J
3	359	7.3	42	J	5.8	-5	333	4.6	-1.8	-1.5	3	J
4	376	7.3	21	J	6.0	-1	296	2.4	-4.3	-2.3	3	J
5	370	7.6	25	J	6.1	-28	312	3.5	-2.4	-4.1	1	J
6	380	7.8	25	J	5.9	18	290	1.6	-4.7	-0.1	3	J
7	367	8.1	27	J	5.9	25	246	-1.7	-4.1	0.7	4	J
8												
9												
10												
11	351	13.4	21	J	5.8	16	315	3.8	-4.0	0.7	1	J
12	351	14.5	26	J	6.5	-20	319	3.6	-2.7	-2.3	4	J
13	358	16.0	26	J	5.3	-42	8	2.8	0.9	-2.4	4	J
14	364	14.5	22	J	5.5	-41	315	1.6	-1.1	-2.3	5	J
15	356	12.2	31	J	6.3	-12	313	3.7	-3.5	-2.3	3	J
16	367	12.3	39	J	5.8	6	313	3.3	-3.5	-0.7	3	J
17	376	12.2	40	J	6.0	29	323	3.8	-3.7	1.4	3	J
18	373	12.5	60	J	5.5	8	323	3.6	-2.7	-0.6	3	J
19	378	11.8	53	J	5.6	-6	316	3.4	-2.7	-2.0	3	J
20	384	11.5	61	J	4.7	-10	326	2.5	-1.2	-1.3	4	J
21	409	9.7	66	J	4.7	-58	192	-1.9	1.4	-2.9	3	J
22	402	8.7	55	J	4.2	-69	253	-0.3	0.8	-3.2	3	J
23	405	8.9	57	J	3.4	-78	334	0.5	1.3	-2.4	2	J
24	401	7.9	55	J	3.9	26	336	2.1	-1.4	0.4	3	J

APR. 1, 1993 (091)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	403	8.2	59	J								
2					4.9	59	137	-1.2	-0.5	2.9	4	J
3	420	7.4	46	J	4.6	-33	209	-3.2	-0.4	-2.9	2	J
4	414	7.5	45	J	4.4	-4	217	-1.9	-1.2	-0.8	4	J
5	409	7.5	43	J	4.7	-50	180	-2.1	1.0	-2.2	4	J
6	398	7.2	47	J								
7	391	7.2	57	J	4.6	-8	300	2.0	-3.2	-1.6	2	J
8	374	8.0	81	J	4.2	-12	351	3.4	-0.3	-0.8	2	J
9	379	7.5	42	J	4.1	-41	339	2.6	-0.4	-2.6	2	J
10	377	7.4	42	J	4.5	-6	314	2.9	-2.8	-1.1	2	J
11	371	8.0	70	J	4.5	1	336	3.9	-1.7	-0.3	1	J
12	370	7.6	48	J	4.5	2	348	4.3	-0.9	0.0	1	J
13	373	7.7	36	J	4.0	-19	329	3.0	-1.5	-1.6	1	J
14	375	8.0	49	J	4.0	6	315	2.6	-2.6	-0.3	1	J
15	370	7.3	35	J	4.1	-7	342	3.5	-1.0	-0.8	2	J
16	368	7.4	35	J	4.3	6	326	2.9	-2.0	-0.3	3	J
17					4.5	-4	328	3.2	-1.8	-1.0	2	J
18					4.6	9	332	3.7	-2.1	-0.2	2	J
19					5.1	-20	324	3.6	-1.6	-2.7	2	J
20					5.4	-5	331	4.4	-1.9	-1.6	2	J
21	373	8.7	19	J	5.5	-44	318	2.8	-0.2	-4.4	2	J
22	368	8.0	22	J	5.7	-23	318	3.6	-1.6	-3.5	2	J
23	361	7.7	35	J	5.7	6	317	3.6	-3.1	-1.5	3	J
24	362	7.5	24	J	5.7	17	303	2.8	-4.5	-1.1	2	J

APR. 2, 1993 (092)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	351	7.7	48	J	5.1	18	324	3.7	-3.1	-0.2	2	J
2	352	7.8	49	J	4.5	8	318	3.2	-2.7	-1.0	2	J
3	349	7.3	40	J	4.2	-13	329	3.4	-1.3	-1.8	1	J
4	350	7.4	48	J	4.0	-18	334	3.3	-0.9	-1.8	1	J
5	351	8.0	46	J	3.8	-16	329	3.0	-1.3	-1.7	1	J
6					3.3	1	257	-0.7	-2.8	-1.0	1	J
7					3.6	0	256	-0.8	-3.2	-1.0	1	J
8												
9	347	7.9	12	J	4.3	-30	255	-1.0	-3.0	-2.9	1	J
10					4.0	-30	247	-1.4	-2.7	-2.6	1	J
11	336	7.8	9	J	3.8	-32	256	-0.7	-2.5	-2.5	1	J
12	332	7.4	11	J	3.4	-5	315	1.8	-1.7	-0.6	2	J
13	333	7.0	13	J	3.6	-6	345	3.2	-0.8	-0.5	2	J
14	337	6.8	30	J	3.7	0	338	3.3	-1.3	-0.3	1	J
15	337	5.8	29	J	3.4	2	355	3.2	-0.3	0.0	1	J
16	335	6.2	15	J	3.5	2	346	3.3	-0.8	-0.2	1	J
17	333	6.7	19	J	3.3	-9	324	2.1	-1.2	-0.9	2	J
18	326	7.2	11	J	3.0	-4	36	1.7	1.2	0.4	2	J
19	330	7.1	9	J	2.9	-27	47	1.7	2.2	-0.3	1	J
20	328	7.4	14	J	2.9	-13	354	2.1	0.1	-0.5	2	J
21	328	7.2	12	J	2.9	-21	15	2.2	1.0	-0.4	2	J
22	324	7.1	14	J	3.1	-2	28	2.4	1.1	0.6	1	J
23	327	7.6	14	J	2.8	-24	307	0.9	-0.6	-1.2	2	J
24	324	8.2	16	J	2.8	-17	327	2.2	-0.7	-1.4	1	J

APR. 3, 1993 (093)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2					3.0	26	11	1.4	-0.1	0.7	3	J
3					3.2	2	282	0.7	-2.8	-1.4	1	J
4												
5												
6					2.8	11	220	-2.0	-1.7	-0.1	1	J
7	312	8.4	23	J	2.9	6	323	1.4	-1.1	-0.1	3	J
8	310	8.4	16	J	3.1	3	350	3.0	-0.5	0.0	1	J
9	309	8.8	20	J	3.2	5	344	2.9	-0.9	0.1	1	J
10	311	8.8	16	J								
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

APR. 8, 1993 (098)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17	449	10.3	80	J								
18	453	9.8	73	J	7.9	-45	264	-0.5	-2.2	-6.0	5	J
19					6.7	6	328	5.4	-3.3	-1.0	2	J
20												
21												
22												
23												
24												

APR. 9, 1993 (099)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13					4.8	4	320	3.7	-3.1	-0.3	0	J
14	459	9.7	40	J	3.3	-1	311	1.8	-2.0	-0.5	2	J
15					4.1	-11	226	-2.1	-1.9	-1.2	3	J
16					5.2	-47	189	-3.2	0.6	-3.5	2	J
17												
18												
19												
20												
21												
22												
23												
24												

APR. 10, 1993 (100)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9	574	3.1	80	J	3.9	-14	292	1.2	-2.8	-1.5	2	J
10												
11												
12	563	2.4	78	J	4.7	2	3	4.7	0.2	0.2	0	J
13	550	3.3	56	J	3.7	-32	284	0.5	-1.7	-1.6	3	J
14	527	3.6	56	J	3.2	-21	273	0.1	-2.1	-1.4	2	J
15	526	3.9	51	J	3.3	-24	242	-1.2	-1.9	-1.7	2	J
16	519	3.6	41	J	3.9	-37	246	-1.2	-1.8	-2.9	1	J
17	517	2.8	72	J	4.2	21	341	3.7	-1.7	0.9	1	J
18					5.0	-9	297	2.2	-3.7	-2.5	0	J
19	508	4.0	67	J	4.9	-1	309	3.0	-3.3	-1.8	1	J
20												
21												
22												
23												
24												

APR. 11, 1993 (101)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7					5.6	21	61	2.5	3.8	3.2		J
1.7	3.7		0.6	3	J							
9	408	8.3	28	J	5.6	42	327	3.1	-2.6	2.8	3	J
10	409	9.1	34	J	6.2	37	328	3.9	-3.1	3.0	2	J
11	412	10.5	50	J	6.5	6	319	4.7	-4.2	-0.1	2	J
12	407	9.2	31	J	6.1	-6	351	5.7	-0.8	-0.8	2	J
13	410	9.7	42	J	5.8	-8	31	4.4	2.7	-0.2	3	J
14	424	10.4	68	J	5.1	18	59	2.1	3.0	2.0	3	J
15	445	10.1	63	J	6.0	20	125	-3.0	3.6	3.0	2	J
16	447	10.2	60	J	5.8	5	127	-3.4	4.2	1.9	2	J
17	440	9.6	73	J	5.8	77	233	-0.5	-1.9	3.0	5	J
18					7.7	47	313	3.5	-5.7	3.5	1	J
19	445	7.3	27	J	7.1	66	311	1.3	-3.4	3.3	5	J
20	473	8.2	27	J	7.4	-18	141	-5.4	4.9	0.2	2	J
21	468	9.0	23	J	7.3	-27	142	-4.8	4.9	-0.7	3	J
22					7.5	-38	150	-5.1	5.0	-2.3	0	J
23												
24												

93-04-12 - 93-04-22

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					APR. 12, 1993 (102)							
1												
2												
3												
4												
5												
6	454	11.9	64	J	9.2	-19	139	-6.3	6.1	-0.9	3	J
7	454	11.8	37	J	9.2	0	132	-5.8	6.2	1.8	3	J
8	453	13.7	28	J	9.2	-9	130	-5.8	7.0	0.3	2	J
9	403	18.3	41	J	8.0	32	351	6.7	-1.9	3.9	1	J
10	399	16.7	56	J	8.5	30	8	7.1	0.2	4.3	2	J
11	403	12.4	38	J	10.6	34	52	5.3	5.7	6.9	2	J
12					10.0	36	261	-1.3	-8.9	4.4	1	J
13	400	16.8	57	J	9.3	38	278	0.8	-6.6	3.4	6	J
14					9.2	31	141	-6.1	3.8	5.7	1	J
15	413	14.9	67	J	9.3	38	122	-3.5	4.1	6.5	4	J
16	413	12.0	47	J	9.3	35	123	-4.1	4.3	6.9	2	J
17	402	13.5	65	J	7.7	51	127	-2.7	1.3	6.4	3	J
18	394	14.3	68	J	6.8	6	84	0.5	4.0	2.4	5	J
19	375	15.8	94	J	5.0	34	33	3.0	0.6	3.0	3	J
20	365	16.9	83	J	5.6	6	338	4.9	-2.0	-0.5	2	J
21	386	19.1	137	J	7.1	35	339	3.3	-2.4	1.4	6	J
22	419	18.4	132	J	10.2	57	119	-2.4	-0.5	8.9	5	J
23	426	18.9	141	J	10.8	66	133	-2.9	-2.6	9.6	3	J
24	438	21.1	105	J	12.6	45	144	-6.6	-0.4	9.5	5	J
					APR. 13, 1993 (103)							
1	438	21.4	108	J	12.3	57	158	-6.0	-3.2	9.7	4	J
2	433	22.2	114	J	11.9	73	197	-3.3	-6.5	9.2	2	J
3												
4												
5					13.8	-46	314	6.7	-2.7	-11.8	1	J
6	543	8.4	425	J	13.9	-29	313	6.6	-4.9	-7.3	9	J
7												
8	535	10.4	384	J	12.9	-11	305	6.1	-8.0	-4.1	7	J
9	535	8.5	261	J	13.4	-4	300	6.0	-10.0	-3.0	6	J
10	545	8.8	293	J	12.9	-32	292	3.9	-8.3	-8.2	4	J
11	546	8.9	284	J	11.0	0	309	5.3	-6.4	-1.1	7	J
12	533	9.3	237	J	10.1	10	337	8.4	-3.8	1.0	4	J
13	536	9.6	240	J	10.4	16	338	8.0	-3.7	1.8	5	J
14	530	9.1	186	J	10.5	-2	322	8.0	-6.0	-1.7	3	J
15	535	9.8	228	J	10.6	-11	317	6.8	-5.7	-3.4	5	J
16	529	8.1	151	J	8.9	-14	330	7.4	-3.4	-3.3	2	J
17	526	6.8	152	J	7.4	-3	332	6.3	-3.0	-1.5	2	J
18	539	5.3	160	J	6.0	-9	311	3.1	-3.0	-2.1	4	J
19	593	5.1	75	J	6.1	13	205	-4.4	-2.3	0.1	4	J
20	587	5.5	80	J	6.1	8	174	-3.9	0.1	0.7	5	J
21	532	5.4	100	J	5.5	26	296	1.7	-3.9	-0.2	4	J
22	521	5.5	92	J	5.7	25	308	2.7	-4.1	-0.1	3	J
23	527	5.8	141	J	5.1	-6	25	2.2	1.0	0.3	5	J
24	491	4.9	60	J	6.3	8	20	5.3	1.2	1.7	2	J
					APR. 14, 1993 (104)							
1	503	5.1	58	J	6.6	-20	312	3.7	-2.5	-3.9	3	J
2	523	5.0	53	J	6.7	-4	281	1.2	-5.2	-3.5	2	J
3	522	5.0	58	J	6.6	-11	275	0.5	-4.9	-3.9	2	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	501	5.0	73	J	5.8	49	37	2.6	1.2	4.1	3	J
14	480	5.5	92	J	5.9	14	19	4.9	1.4	1.6	2	J
15					5.5	16	14	4.9	0.8	1.7	1	J
16	466	5.1	102	J	5.3	-21	323	3.7	-2.1	-2.6	1	J
17												
18												
19												
20												
21												
22					6.4	0	321	4.0	-2.7	-1.7	4	J
23					6.5	-3	323	4.9	-3.0	-2.3	2	J
24					6.0	-38	208	-3.4	0.1	-3.5	4	J
					APR. 15, 1993 (105)							
1					5.9	-32	51	2.7	4.3	-0.6	3	J
2					4.5	-1	319	3.1	-2.3	-1.4	2	J
3	514	6.3	75	J	5.1	-36	50	2.2	3.4	-1.0	3	J
4	516	6.2	67	J	5.7	-75	232	-0.8	1.1	-4.8	3	J
5	483	5.4	73	J	6.1	-54	15	1.9	1.5	-2.4	5	J
6	487	5.8	42	J	6.7	-48	267	-0.2	-2.4	-5.7	3	J
7	466	6.7	51	J	7.6	-56	322	3.2	-0.8	-6.5	2	J
8												
9												
10	499	4.9	110	J								
11	491	5.9	134	J								
12	504	5.1	91	J								
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					APR. 19, 1993 (109)							
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23	468	10.6	104	J								
24	469	13.0	117	J								
					APR. 20, 1993 (110)							
1	493	10.0	128	J	8.8	14	81	1.2	5.5	5.5	4	J
2	504	12.4	158	J	7.0	-29	76	0.9	4.0	-0.1	6	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14					9.5	-49	109	-1.6	5.5	-4.5	6	J
15					9.7	-32	117	-3.7	8.3	-3.2	1	J
16												
17												
18					9.8	-27	193	-5.6	0.0	-3.2	8	J
19												
20												
21	593	6.0	90	J	10.0	7	250	-3.2	-8.2	-3.5	3	J
22												
23												
24												
					APR. 21, 1993 (111)							
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	701	4.7	182	J	7.2	-10	124	-3.1	4.8	-0.1	4	J
15												
16					7.8	-41	160	-5.5	3.3	-4.3	1	J
17	653	3.8	139	J	8.0	-33	150	-5.2	4.2	-2.7	4	J
18	686	4.7	154	J	6.4	-24	154	-3.8	2.4	-1.0	4	J
19	675	4.2	111	J	6.4	-20	193	-5.0	-0.2	-2.2	3	J
20	677	3.3	122	J	6.5	-39	194	-4.9	0.9	-4.2	1	J
21	674	3.3	132	J								
22	672	3.2	145	J	6.1	-15	151	-5.0	3.2	0.1	2	J
23	646	3.0	127	J	6.7	-10	180	-6.3	0.6	-0.9	2	J
24												
					APR. 22, 1993 (112)							
1												
2												
3												
4												
5												
6												
7												
8												
9	635	3.5	311	J	6.4	23	170	-5.2	0.5	2.4	3	J
10	667	3.3	129	J	6.3	23	126	-3.2	4.1	3.0	2	J
11	623	4.6	348	J	7.0	16	140	-4.9	3.8	2.4	2	J
12	650	4.1	221	J	7.7	15	127	-4.4	5.4	2.8	2	J
13	674	4.5	116	J	8.3	21	112	-2.3	5.3	3.3	5	J
14	638	5.7	206	J	8.6	14	121	-4.1	6.4	3.3	2	J
15	652	7.4	155	J	6.6	28	119	-2.6	3.9	3.8	3	J
16	643	10.3	182	J	4.4	21	124	-1.9	2.4	2.1	3	J
17	627	15.7	120	J	5.4	3	157	-3.6	1.4	0.7	4	J
18	613	15.2	104	J	4.6	-23	200	-1.3	-0.2	-0.7	5	J
19	597	15.9	83	J	2.5	-15	69	0.5	1.4	0.2	2	J
20	571	20.2	54	J	3.1	26	304	1.4	-2.4	0.1	1	J
21	579	16.3	68	J	5.5	37	358	2.1	-0.8	1.3	5	J
22	583	6.9	96	J	6.2	25	46	3.2	1.7	3.6	4	J
23	616	5.0	171	J	6.0	41	29	3.6	-0.2	4.1	3	J
24	590	5.9	137	J	7.3	78	211	-1.2	-4.1	5.4	3	J

93-04-23 - 93-05-04

APR. 23, 1993 (113)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	578	6.5	124	J	8.6	64	189	-3.6	-4.2	6.2	2	J
2												
3												
4												
5												
6	540	4.8	69	J	5.7	25	121	-2.6	3.4	3.5	2	J
7	544	4.1	53	J	5.2	47	117	-1.6	2.1	4.4	1	J
8	565	4.4	43	J	4.9	46	95	-0.3	2.4	3.9	2	J
9	565	4.8	57	J	4.8	6	119	-2.0	3.5	1.1	3	J
10	555	4.9	83	J	3.7	6	142	-2.3	1.7	0.6	2	J
11	531	4.1	67	J	4.1	13	120	-1.7	2.8	1.2	2	J
12	527	3.8	35	J	4.2	44	104	-0.7	2.3	3.0	2	J
13	535	5.1	48	J	4.6	62	94	-0.1	1.3	3.7	2	J
14	538	6.0	57	J	5.2	27	87	0.2	3.2	2.5	3	J
15	523	5.9	54	J	5.3	17	119	-1.9	3.1	1.9	3	J
16	514	5.5	105	J	5.3	1	146	-3.6	2.3	0.8	3	J
17	507	5.6	133	J	5.4	-18	195	-4.3	-0.6	-1.8	3	J
18	513	5.9	63	J	5.0	-13	179	-3.7	0.4	-0.8	3	J
19	511	6.3	50	J	5.0	-27	178	-3.2	0.8	-1.4	4	J
20	513	7.1	53	J	6.3	26	125	-2.7	2.3	3.8	4	J
21	519	6.8	69	J	5.8	79	103	-0.2	-1.9	5.4	1	J
22												
23												
24												

APR. 24, 1993 (114)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6	521	7.0	52	J	5.2	41	52	1.3	1.1	2.3	4	J
7	532	7.5	92	J	5.0	21	104	-0.5	1.6	1.1	5	J
8	532	7.4	62	J	4.2	15	94	-0.3	3.5	1.7	2	J
9	527	8.4	76	J	3.5	53	73	0.5	1.3	2.7	2	J
10	499	7.2	95	J	4.7	21	158	-2.6	0.9	1.2	4	J
11	485	7.2	101	J	4.8	-13	158	-3.4	1.5	-0.7	3	J
12	517	8.9	47	J	4.2	31	65	1.3	2.5	2.2	2	J
13	531	13.4	28	J	3.3	13	29	2.7	1.4	0.9	1	J
14	522	13.9	34	J	3.3	17	46	1.5	1.4	0.9	3	J
15	514	14.3	53	J	3.2	2	271	0.0	-1.3	-0.2	3	J
16	519	15.8	26	J	3.0	15	347	2.4	-0.7	0.5	2	J
17	513	14.8	30	J	3.6	26	344	2.8	-1.2	1.1	2	J
18												
19					4.5	17	355	4.2	-0.9	1.0	1	J
20	495	14.3	32	J	4.3	16	1	4.1	-0.5	1.1	1	J
21	487	14.2	39	J	3.8	20	8	3.5	-0.2	1.4	0	J
22	486	13.2	33	J	3.5	31	6	2.9	-0.6	1.7	0	J
23	476	13.5	21	J	2.9	33	8	2.4	-0.5	1.5	1	J
24												

APR. 25, 1993 (115)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5	455	7.1	44	J	4.5	-24	4	4.1	0.9	-1.6	1	J
6	460	9.9	33	J	2.8	-23	5	2.5	0.5	-0.9	2	J
7	461	12.9	37	J	2.4	-12	17	2.2	0.8	-0.3	1	J
8	458	15.0	18	J	2.5	-34	30	1.5	1.1	-1.0	2	J
9	448	17.4	14	J	2.8	-71	64	0.3	1.0	-2.0	2	J
10	446	14.6	13	J	4.6	-61	71	0.7	2.5	-3.4	2	J
11	444	15.7	12	J	4.7	-24	37	3.4	2.8	-1.5	1	J
12	437	11.9	8	J	5.0	-10	35	4.0	2.9	-0.5	1	J
13					4.8	4	28	4.1	2.1	0.7	0	J
14	427	15.6	13	J	4.2	20	21	3.7	1.1	1.7	0	J
15	423	14.1	18	J	5.2	14	13	4.5	0.8	1.4	2	J
16	409	14.9	14	J	4.9	14	8	4.4	0.3	1.2	1	J
17	421	21.7	16	J	4.6	20	2	4.1	-0.3	1.5	1	J
18	414	11.7	15	J	3.4	-2	344	3.0	-0.8	-0.4	1	J
19					3.3	-8	324	2.6	-1.5	-1.2	1	J
20					1.9	-2	355	1.6	-0.1	-0.1	1	J
21					2.0	-13	303	1.0	-1.1	-1.1	1	J
22	402	17.6	10	J	2.3	7	299	1.0	-1.6	-0.7	1	J
23	396	15.8	11	J	2.9	16	12	2.4	0.1	0.9	1	J
24	392	17.5	12	J	2.3	23	13	1.9	0.0	0.9	1	J

APR. 26, 1993 (116)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	390	16.3	13	J	3.0	33	18	2.4	-0.1	1.8	1	J
2	390	13.3	17	J	3.0	27	8	2.6	-0.3	1.3	1	J
3	390	11.9	23	J	4.0	29	27	3.0	0.6	2.4	0	J
4												
5												
6												
7					2.4	-32	64	0.9	2.1	-0.8	0	J
8					3.3	-26	34	2.4	1.9	-1.1	1	J
9												
10												
11					3.5	-4	57	1.9	2.9	0.1	0	J
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

APR. 27, 1993 (117)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3					4.1	4	305	1.9	-2.6	-1.0	2	J
4	372	16.7	23	J	3.9	0	321	3.0	-2.3	-0.9	1	J
5					3.7	2	319	2.8	-2.3	-0.7	0	J
6					3.8	-1	318	2.8	-2.4	-0.8	1	J
7					3.8	-13	315	2.6	-2.3	-1.4	0	J
8					3.6	-10	312	2.3	-2.4	-1.1	1	J
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

MAY. 2, 1993 (122)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	328	17.5	16	J	8.0	8	120	-3.6	6.0	1.9	3	J
15	336	20.4	42	J	7.5	7	90	0.0	5.5	1.8	5	J
16												
17												
18												
19												
20												
21												
22												
23												
24	373	17.6	35	J	7.7	-22	43	4.6	5.0	-0.2	4	J

MAY. 3, 1993 (123)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	373	16.2	36	J	8.1	-29	49	4.6	6.5	-1.0	1	J
2												
3												
4												
5	357	16.6	64	J	6.7	16	83	0.6	4.5	3.0	4	J
6	350	17.2	77	J	6.8	28	93	-0.3	4.8	4.5	1	J
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18					7.6	54	188	-4.4	-2.7	5.6	0	J
19	397	8.3	43	J	7.8	55	182	-4.4	-2.6	5.7	1	J
20	392	9.0	54	J	7.6	31	140	-4.9	2.0	5.2	2	J
21	382	8.9	68	J	7.3	9	137	-5.1	3.7	3.2	2	J
22	392	9.9	64	J	7.4	-4	125	-3.8	5.0	2.2	3	J
23	393	10.8	123	J	6.4	13	136	-4.2	2.9	3.2	2	J
24	396	12.1	128	J	5.8	12	136	-3.9	2.8	2.8	2	J

MAY. 4, 1993 (124)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	364	12.7	53	J	9.0	15	125	-4.9	6.8	3.0	1	J
11	355	12.7	45	J	9.3	26	146	-6.6	4.1	4.3	3	J
12	353	11.9	48	J	8.6	15	146	-6.7	4.3	2.6	1	J
13	350	11.9	48	J	7.9	15	149	-6.5	3.6	2.4	1	J
14	359	15.9	32	J	6.3	-21	122	-2.7	4.6	-1.3	3	J
15	340	14.9	56	J	6.1	22	181	-5.0	-0.5	2.0	3	J
16	340	13.2	28	J	6.2	-29	169	-4.5	1.4	-2.3	3	J
17	335	12.3	23	J	6.1	-4	133	-3.7	4.0	0.8	3	J
18					5.4	6	130	-3.4	3.6	1.9	1	J
19	326	10.3	25	J	5.6	16	153	-4.5	1.5	2.2	2	J
20	327	8.8	18	J	6.1	17	138	-4.0	2.5	3.0	2	J
21	326	8.9	20	J	5.8	17	139	-4.0	2.3	3.0	2	J
22	327	9.8	22	J	5.9	-1	149	-4.7	2.5	1.3	2	J
23	319	10.5	28	J	6.2	2	178	-6.1	0.1	0.3	1	J
24					6.0	15	179	-5.4	-0.6	1.3	2	J

93-05-05 - 93-05-16

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					MAY. 5, 1993 (125)							
1	338	12.1	11	J	6.8	-10	121	-3.4	5.6	1.6	1	J
2	343	14.9	20	J	5.9	-30	106	-1.4	5.5	-0.6	2	J
3												
4												
5					4.0	-1	323	3.1	-2.2	-0.8	1	J
6	335	15.2	16	J	6.0	-3	262	-0.7	-5.0	-1.6	3	J
7	333	18.8	19	J	6.6	-6	160	-5.4	2.1	-0.2	3	J
8	333	19.8	13	J	7.2	-6	188	-6.9	-0.8	-0.9	1	J
9	339	18.7	31	J	7.5	-16	108	-2.2	7.1	-1.2	1	J
10	335	17.1	36	J	7.6	-4	133	-3.5	3.7	0.0	6	J
11	339	12.3	24	J	8.4	-25	122	-4.0	6.7	-3.0	1	J
12	339	12.5	22	J	8.0	-28	118	-3.3	6.5	-3.2	1	J
13	343	13.1	30	J	7.6	-42	117	-2.1	4.4	-3.6	5	J
14	348	11.7	55	J	8.0	26	140	-4.8	3.5	3.5	4	J
15	355	12.1	50	J	8.4	45	158	-5.4	1.1	6.2	1	J
16	349	12.6	60	J	8.7	38	152	-6.0	1.9	5.9	2	J
17	344	12.1	51	J	8.9	29	144	-6.2	3.1	5.3	2	J
18	346	11.9	43	J	9.0	22	139	-6.1	3.9	4.9	2	J
19	343	11.6	50	J	8.6	15	140	-6.3	4.0	4.1	1	J
20	342	12.3	57	J	8.3	16	145	-6.5	3.1	4.0	1	J
21	338	12.6	53	J	8.1	32	154	-6.1	0.7	5.1	1	J
22	330	13.2	32	J	7.5	32	176	-6.3	-1.5	3.7	2	J
23	332	13.7	13	J	8.1	28	176	-6.7	-1.3	3.4	3	J
24	335	14.8	21	J	9.8	18	150	-7.9	2.6	4.8	2	J
					MAY. 6, 1993 (126)							
1	347	17.8	69	J	11.0	-16	143	-8.2	6.9	0.2	2	J
2	331	14.1	17	J	9.5	-24	166	-8.2	3.4	-2.5	2	J
3	333	13.7	17	J	9.1	-25	150	-7.1	5.2	-1.9	1	J
4	337	12.5	20	J	8.2	-33	139	-4.9	5.5	-2.5	3	J
5	344	12.9	36	J	8.2	-42	117	-2.7	6.7	-3.6	1	J
6	337	15.6	68	J	8.3	5	156	-7.5	3.1	1.5	1	J
7	356	18.8	118	J	6.0	7	165	-5.5	1.3	1.0	2	J
8	379	26.0	42	J	4.1	-18	278	0.5	-3.0	-1.5	3	J
9												
10	354	26.0	48	J	3.7	-11	131	-1.9	2.3	-0.4	2	J
11	358	25.4	29	J	4.6	20	119	-2.0	3.4	1.7	2	J
12	353	25.5	17	J	3.1	-72	199	-0.7	-0.1	-2.2	2	J
13	362	30.6	11	J	1.9	-21	307	1.0	-1.2	-0.7	2	J
14	363	17.0	29	J	7.1	-25	298	2.8	-4.8	-3.4	3	J
15	369	14.5	20	J	8.5	-21	278	1.1	-7.1	-4.3	2	J
16	366	14.6	16	J	7.6	-19	282	1.4	-6.1	-3.8	2	J
17	370	17.3	17	J	7.0	-22	294	2.4	-4.5	-3.8	3	J
18	373	13.1	27	J	8.6	-16	290	2.7	-6.2	-4.6	3	J
19					8.6	-15	286	2.2	-6.1	-4.8	3	J
20					7.2	1	278	0.9	-5.7	-2.5	4	J
21	404	8.1	49	J	7.9	15	309	4.7	-6.1	-0.9	1	J
22												
23												
24												
					MAY. 7, 1993 (127)							
1					7.9	59	146	-1.5	-0.4	3.1	7	J
2					7.7	20	318	5.4	-5.5	0.4	1	J
3												
4												
5	424	9.8	57	J	4.1	-51	250	-0.3	-0.6	-1.5	4	J
6	426	8.8	75	J	4.5	17	315	2.6	-2.8	0.5	3	J
7	413	11.3	38	J	3.9	27	160	-1.9	0.5	1.2	3	J
8	399	12.4	27	J	5.0	22	309	2.6	-3.5	1.2	2	J
9	402	12.2	22	J	5.9	-56	303	1.5	-1.9	-4.4	3	J
10	386	10.2	76	J	7.7	-17	332	6.1	-3.0	-2.4	3	J
11	374	11.7	125	J	8.2	10	334	7.0	-3.5	1.1	2	J
12	354	13.8	132	J	7.9	3	355	7.7	-0.7	0.4	2	J
13	360	12.8	103	J	8.7	10	337	7.7	-3.4	1.2	2	J
14	419	12.6	59	J	9.2	-42	258	-1.4	-5.6	-6.6	2	J
15	422	13.5	70	J	9.5	-7	265	-0.8	-8.3	-2.5	4	J
16	411	12.7	63	J	9.6	-20	292	3.2	-7.0	-4.7	4	J
17	420	15.0	99	J	9.4	-6	310	5.5	-6.1	-2.7	4	J
18					10.3	10	306	5.8	-8.2	-1.0	2	J
19					10.7	1	306	6.1	-7.9	-3.0	2	J
20					10.5	-3	313	6.6	-6.2	-3.4	4	J
21					10.2	7	318	6.5	-5.7	-1.7	5	J
22					10.1	-16	323	7.2	-3.6	-4.8	4	J
23					10.7	6	325	7.9	-5.4	-1.7	5	J
24					11.4	-41	316	5.5	-1.6	-8.4	5	J
					MAY. 8, 1993 (128)							
1					11.6	-28	314	6.2	-3.7	-7.1	6	J
2					12.2	-48	336	7.3	0.7	-9.4	3	J
3												
4	518	13.0	234	J	12.2	52	26	6.4	-0.1	9.6	4	J
5	506	13.0	243	J	12.4	33	355	8.6	-2.3	5.2	7	J
6	508	13.7	296	J	12.4	16	328	7.3	-5.0	1.3	9	J
7	506	12.3	177	J	14.0	-17	344	9.9	-2.2	-3.6	9	J
8	537	13.0	218	J	14.4	-22	292	4.6	-10.6	-6.5	5	J
9	522	13.0	188	J	14.9	6	305	7.6	-11.0	0.2	6	J
10	506	11.6	174	J	14.8	-3	321	10.9	-8.7	-1.4	5	J
11	507	11.6	160	J	14.0	-2	315	9.6	-9.6	-1.1	3	J
12	549	9.6	228	J	13.2	-7	296	5.4	-10.9	-2.3	5	J
13	538	10.2	247	J	12.5	-5	313	8.0	-8.5	-1.8	4	J
14	527	9.1	196	J	12.5	6	320	9.4	-8.0	0.3	2	J
15	528	7.5	136	J	11.6	4	317	8.0	-7.5	-0.4	3	J
16	587	7.8	208	J	8.8	7	17	2.8	0.8	0.5	8	J
17	602	7.9	210	J	7.4	-17	298	2.0	-3.2	-2.2	6	J
18	572	6.9	153	J	9.4	26	343	7.5	-3.4	2.9	4	J
19	575	6.6	198	J	10.0	29	339	7.8	-4.5	3.2	3	J
20					11.0	15	314	7.0	-7.7	-0.6	5	J
21	624	6.9	128	J	10.1	-2	326	6.9	-4.0	-2.3	6	J
22	622	6.5	130	J	9.4	6	21	6.8	2.0	1.9	6	J
23					8.4	37	354	5.5	-2.4	3.4	5	J
24	678	7.2	223	J	7.8	21	320	3.9	-3.8	0.2	6	J
					MAY. 9, 1993 (129)							
1	675	7.3	241	J	7.7	-55	257	-0.8	-0.9	-6.2	5	J
2	671	7.0	224	J	7.1	-15	323	4.4	-2.4	-2.7	4	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	688	4.8	132	J								
14	674	4.7	166	J								
15	666	4.7	174	J								
16	617	5.3	194	J								
17												
18												
19												
20	747	5.6	378	J	8.1	-15	306	2.7	-2.8	-2.6	7	J
21	749	5.1	396	J	8.4	-2	293	2.8	-5.8	-3.1	4	J
22	742	4.4	296	J	8.6	-11	302	3.8	-4.8	-4.1	4	J
23	725	3.5	325	J	9.1	-30	306	4.0	-3.1	-6.1	5	J
24												
					MAY. 14, 1993 (134)							
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	487	23.8	79	J								
15	491	24.3	77	J								
16												
17												
18												
19												
20												
21												
22												
23												
24												
					MAY. 15, 1993 (135)							
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	483	7.5	114	J	7.9	-4	132	-4.4	4.9	-0.1	4	J
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					MAY. 16, 1993 (136)							
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	495	5.6	55	J	6.3	11	158	-5.6	2.2	1.2	2	J
11	492	5.2	61	J	5.9	1	167	-5.5	1.3	0.1	2	J
12	497	5.5	60	J	6.2	8	130	-3.2	3.8	0.8	4	J
13	492	5.4	64	J	6.1	-7	159	-4.7	1.8	-0.5	3	J
14	485	5.6	101	J	5.6	-6	148	-4.6	2.9	-0.4	2	J
15	493	5.3	63	J	5.6	-9	105	-1.3	4.8	-0.2	2	J
16	489	5.8	79	J	5.5	-16	118	-2.2	4.3	-0.6	2	J
17												
18												
19												
20												
21												
22												
23												
24												

93-05-17 - 93-05-29

MAY. 17, 1993 (137)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5	470	5.9	67	J	5.5	-32	228	-3.1	-2.7	-3.6	1	J
6												
7												
8												
9	446	6.6	61	J	5.6	-21	163	-4.0	1.3	-1.5	3	J
10	451	6.0	48	J	5.4	12	151	-3.9	2.2	1.0	3	J
11	450	5.3	46	J	5.1	22	135	-3.1	3.0	1.8	2	J
12	461	6.1	44	J	5.7	16	117	-2.4	4.6	1.6	2	J
13	448	6.0	55	J	5.7	-3	159	-3.7	1.4	-0.2	4	J
14	439	5.8	75	J	5.5	-2	159	-4.6	1.8	-0.1	3	J
15	437	6.5	131	J	5.0	-10	169	-4.3	0.9	-0.7	2	J
16	443	6.0	90	J	5.6	20	142	-3.9	2.7	2.3	2	J
17	434	6.2	108	J	4.8	18	143	-3.3	2.2	1.9	2	J
18	441	6.6	117	J	4.8	0	196	-3.3	-0.9	-0.3	4	J
19	483	9.0	107	J	5.7	29	88	0.2	3.7	4.1	2	J
20	472	10.0	108	J	7.1	-19	200	-4.7	-0.9	-2.2	5	J
21	469	11.6	138	J	7.6	-41	199	-4.8	0.3	-4.7	4	J
22	451	9.4	63	J	8.8	30	97	-0.9	4.6	6.6	4	J
23	438	9.9	73	J	8.6	31	115	-2.8	3.7	6.1	4	J
24	438	9.5	98	J	7.5	34	115	-2.3	3.0	5.5	3	J

MAY. 18, 1993 (138)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					7.3	15	162	-5.3	1.0	2.1	5	J
2	440	6.6	64	J	6.5	24	80	1.0	4.3	4.4	2	J
3	414	6.3	31	J	6.5	26	125	-2.9	3.1	3.7	3	J
4	403	6.3	30	J	6.4	15	150	-5.1	2.4	2.3	2	J
5	395	5.9	34	J	6.0	3	164	-5.5	1.5	0.6	2	J
6	395	5.0	42	J	5.6	-10	155	-4.6	2.3	-0.5	2	J
7												
8												
9	410	8.8	88	J	6.2	28	165	-4.3	1.0	2.4	4	J
10					6.9	32	143	-3.9	2.8	3.1	4	J
11					6.6	22	186	-4.2	-0.5	1.7	5	J
12					6.8	46	234	-2.6	-3.7	4.6	2	J
13					8.2	23	288	1.8	-5.5	2.3	5	J
14					8.7	63	254	-0.6	-2.4	4.3	7	J
15	438	9.6	83	J	8.2	4	114	-3.3	7.3	1.3	1	J
16	438	9.8	75	J	8.2	1	112	-2.7	6.7	1.2	4	J
17	439	8.7	65	J	7.8	2	111	-2.6	6.6	1.7	3	J
18	428	8.3	58	J	7.9	0	127	-4.5	5.7	1.6	3	J
19	416	8.1	45	J	8.2	9	143	-6.0	3.9	2.6	3	J
20	441	7.1	48	J	8.6	5	122	-4.2	6.0	3.1	3	J
21	457	6.8	49	J	7.7	-23	161	-6.3	3.1	-1.7	3	J
22	454	6.8	38	J	7.4	-15	187	-7.1	0.0	-2.1	1	J
23	454	7.5	67	J	7.5	-14	194	-6.6	-0.8	-2.2	3	J
24	463	7.2	283	J	5.6	2	163	-4.9	1.3	0.8	2	J

MAY. 19, 1993 (139)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					7.7	9	116	-2.9	5.1	3.3	4	J
2	458	8.3	218	J	7.8	5	134	-4.9	4.5	2.4	3	J
3	491	7.6	79	J	8.7	-8	139	-6.1	5.3	0.6	3	J
4	484	7.1	110	J	8.3	-6	147	-6.5	4.3	0.4	3	J
5	518	6.6	131	J	6.1	9	132	-2.9	3.0	1.4	4	J
6	495	5.9	70	J	7.4	-5	152	-6.2	3.4	0.0	2	J
7	494	6.2	49	J	8.3	-17	171	-7.7	1.5	-2.2	1	J
8	499	6.3	29	J	8.2	-14	180	-7.9	0.2	-2.0	1	J
9	493	6.3	34	J	7.5	-4	184	-7.5	-0.5	-0.5	1	J
10												
11												
12												
13												
14												
15					7.3	-11	166	-6.9	1.8	-1.2	1	J
16	500	6.9	54	J	6.8	19	129	-3.4	3.9	2.5	4	J
17	497	5.3	59	J	7.6	-4	140	-5.7	4.7	0.5	2	J
18	483	5.1	84	J	6.9	-19	167	-6.0	1.9	-1.7	2	J
19	500	4.5	94	J	6.4	-29	190	-5.5	0.1	-3.3	1	J
20	497	3.6	81	J	6.0	-11	181	-5.6	0.3	-1.0	2	J
21	489	4.6	101	J	6.1	12	189	-5.6	-1.3	0.8	2	J
22	482	5.3	111	J	6.0	-10	160	-5.3	2.2	-0.1	2	J
23	484	6.3	91	J	5.8	8	151	-4.5	2.0	1.7	3	J
24	499	5.5	72	J	4.9	21	102	-0.7	2.6	2.6	3	J

MAY. 20, 1993 (140)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					3.4	23	66	0.8	1.4	1.5	3	J
2	522	4.8	84	J	2.9	62	78	0.2	0.2	1.8	3	J
3	496	5.8	83	J	5.1	12	133	-2.1	2.0	1.3	4	J
4	523	5.2	110	J	5.2	-10	155	-3.8	1.9	-0.2	3	J
5					5.5	-1	152	-4.9	2.5	0.5	1	J
6	539	4.8	176	J	5.8	-33	176	-4.7	0.8	-3.0	2	J
7	558	4.4	139	J	5.3	-26	118	-1.3	2.5	-1.0	4	J
8												
9												
10	526	4.6	116	J	5.3	-22	127	-2.8	3.7	-1.8	2	J
11	496	4.1	65	J	5.2	-20	158	-4.4	1.8	-1.7	2	J
12	492	3.8	68	J	4.9	-5	165	-4.6	1.2	-0.4	1	J
13												
14												
15												
16												
17												
18					4.3	15	298	1.9	-3.8	0.1	1	J
19					4.7	3	186	-3.0	-0.3	0.1	4	J
20					5.1	15	162	-4.6	0.9	1.7	1	J
21	449	3.4	40	J	5.2	14	156	-4.5	1.4	1.9	1	J
22	450	3.8	35	J	4.8	17	144	-3.6	1.8	2.3	1	J
23	452	4.3	39	J	4.9	14	173	-3.9	0.0	1.1	3	J
24					5.0	8	189	-4.2	-0.8	0.3	3	J

MAY. 21, 1993 (141)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	453	4.7	28	J	4.9	0	125	-2.2	3.0	1.2	3	J
2	452	4.7	29	J	4.8	-9	118	-2.2	4.1	0.7	1	J
3	443	4.7	57	J	4.7	7	167	-4.3	0.8	0.8	2	J
4					4.8	13	159	-4.3	1.3	1.4	1	J
5	407	7.0	344	J	5.0	6	161	-4.6	1.4	0.8	1	J
6	422	5.4	81	J	4.7	20	142	-3.3	2.3	1.9	1	J
7	424	5.8	33	J	4.4	25	114	-1.6	3.4	2.2	1	J
8												
9												
10												
11												
12												
13					4.6	11	168	-4.4	0.9	0.9	0	J
14	383	5.8	58	J	4.4	12	166	-4.2	1.0	1.0	1	J
15					4.5	10	141	-3.4	2.7	1.0	1	J
16					4.5	13	150	-3.5	1.9	1.2	2	J
17					4.6	5	148	-3.8	2.3	0.9	1	J
18					4.5	14	148	-3.6	1.9	1.6	1	J
19					4.7	-3	164	-4.3	1.3	0.2	2	J
20					4.9	-8	153	-4.1	2.2	0.1	2	J
21	361	7.5	99	J	5.2	-20	158	-4.1	2.1	-0.9	2	J
22	363	7.3	98	J	5.1	-3	172	-5.0	0.8	0.0	1	J
23	367	5.9	43	J	4.8	7	178	-4.7	-0.1	0.6	1	J
24	360	9.6	23	J	5.2	12	190	-4.9	-1.2	0.6	1	J

MAY. 22, 1993 (142)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	361	8.1	22	J	5.8	8	181	-5.6	-0.4	0.7	1	J
2	360	7.1	26	J	5.1	1	181	-4.9	-0.1	0.1	1	J
3	363	5.6	25	J	4.6	-12	195	-3.9	-0.7	-1.1	2	J
4	363	6.4	21	J	5.0	11	164	-4.3	1.0	1.2	2	J
5	367	6.6	18	J	4.7	11	163	-3.9	1.0	1.0	2	J
6	361	6.7	29	J	4.4	11	202	-3.9	-1.7	0.6	1	J
7	363	6.7	20	J	4.5	14	217	-3.3	-2.5	0.8	1	J
8												
9												
10												
11	360	13.7	20	J	5.5	22	116	-1.7	3.5	1.5	4	J
12	362	16.6	23	J	4.5	74	277	0.1	-0.7	2.5	4	J
13	359	17.2	20	J	4.4	75	222	-0.8	-0.7	3.9	2	J
14	354	17.5	22	J	4.7	38	113	-1.4	3.2	2.9	1	J
15	356	19.8	19	J	3.5	4	87	0.2	3.2	0.5	1	J
16	350	20.3	16	J	3.2	-1	74	0.8	2.7	0.3	2	J
17	348	18.8	17	J	4.4	-2	117	-1.1	2.2	0.3	4	J
18	346	18.3	15	J	4.1	0	95	-0.3	3.9	1.0	1	J
19	341	14.9	10	J	4.9	1	105	-1.2	4.4	1.5	1	J
20	343	17.0	11	J	4.6	-17	93	-0.2	4.5	0.3	1	J
21	341	28.0	131	J	4.0	-17	97	-0.5	3.9	0.3	1	J
22	333	12.4	10	J								
23	331	11.0	7	J								
24												

MAY. 28, 1993 (148)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11	557	12.2	267	J								
12	578	9.3	131	J								
13												
14	610	7.8	339	J								
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

MAY. 29, 1993 (149)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4	607	3.2	150	J	5.3	25	109	-1.4	3.5	2.8	2	J
5	615	3.1	119	J	5.5	20	87	0.3	4.4	2.5	2	J
6	574	2.8	140	J	5.2	9	139	-3.1	2.6	0.9	3	J
7	562	3.4	207	J	4.9	2	164	-4.2	1.2	0.2	2	J
8	577	4.6	197	J	5.4	16	213	-4.0	-2.6	1.3	2	J
9	564	4.7	159	J	5.8	-9	210	-4.7	-2.7	-0.8	2	J
10	552	4.5	133	J	6.1	-18	173	-5.6	0.6	-1.9	1	J
11	550	4.2	137	J	5.8	-15	280	1.0	-5.6	-1.2	1	J
12					5.2	24	149	-4.0	2.5	1.9	1	J
13	543	4.7	173	J	5.2	48	105	-0.8	3.1	3.2	3	J
14	527	4.5	155	J	5.0	36	127	-2.1	2.9	2.5	2	J
15	505	4.7	114	J	5.6	31	117	-1.8	3.4	2.5	3	J
16	516	5.0	102	J	5.7	15	113	-1.8	4.1	1.6	3	J
17	536	5.2	107	J	5.8	1	72	1.5	4.7	0.8	3	J
18												
19												
20												
21												
22												
23												
24												

93-05-30 - 93-06-10

MAY. 30, 1993 (150)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV MAGN	B LAT	GSE LON	GSE	BXGSM	BYGSM	BZGSM	SG	I MF SC
1													
2													
3	528	3.4	42	J	4.1	-7	25		3.4	1.7	0.0	1	J
4	525	3.5	46	J	3.5	-28	50		1.7	2.3	-1.0	2	J
5	517	3.6	47	J	4.3	18	68		1.0	2.2	1.2	3	J
6	512	3.5	55	J	3.0	-17	51		1.0	1.2	-0.3	3	J
7	482	3.7	75	J	2.8	-9	138		-1.8	1.6	-0.3	1	J
8	488	3.5	49	J	2.8	6	108		-0.7	2.3	0.3	2	J
9	472	3.5	35	J	3.2	14	127		-1.7	2.3	0.6	1	J
10					3.6	27	125		-1.8	2.6	1.4	1	J
11					3.6	-2	128		-2.1	2.7	-0.3	1	J
12	458	3.5	56	J	3.6	14	135		-2.1	2.1	0.6	2	J
13													
14					3.8	10	146		-2.8	1.9	0.6	2	J
15	458	3.1	28	J	3.8	9	136		-2.5	2.4	0.6	1	J
16	444	3.2	32	J	3.7	20	138		-2.4	2.0	1.3	1	J
17	438	3.3	34	J	4.0	-8	132		-2.5	2.8	-0.1	1	J
18	433	3.7	38	J	4.0	-40	123		-1.2	2.2	-1.5	3	J
19	403	4.2	78	J	4.4	25	167		-3.5	0.4	1.8	2	J
20					4.5	42	183		-3.3	-1.1	2.8	1	J
21													
22													
23													
24													

MAY. 31, 1993 (151)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV MAGN	B LAT	GSE LON	GSE	BXGSM	BYGSM	BZGSM	SG	I MF SC
1													
2													
3	402	4.4	28	J	4.9	20	173		-4.2	0.1	1.6	2	J
4	406	4.8	29	J	4.8	39	164		-3.1	0.3	2.7	2	J
5	424	5.3	22	J	4.8	75	233		-0.6	-1.4	3.7	3	J
6	425	5.4	28	J	4.9	71	106		-0.4	1.0	4.2	2	J
7	410	5.6	25	J	4.8	53	130		-1.6	1.7	3.4	2	J
8	402	5.8	35	J	4.9	29	185		-3.3	-0.3	1.8	3	J
9	410	6.0	27	J	5.0	57	212		-2.0	-1.1	3.6	2	J
10	391	6.6	68	J	5.3	6	195		-4.5	-1.2	0.6	3	J
11	382	7.6	129	J	5.1	0	179		-4.7	0.1	0.0	2	J
12	395	6.5	70	J	5.1	-20	150		-3.4	1.9	-1.6	3	J
13	405	6.7	40	J	5.2	-2	116		-1.8	3.8	-0.4	3	J
14	408	6.9	45	J	4.9	-44	104		-0.6	2.4	-2.6	4	J
15	390	6.3	48	J	5.4	8	134		-3.4	3.5	0.8	2	J
16	380	6.9	68	J	6.3	21	196		-5.5	-1.7	2.1	2	J
17	364	8.2	84	J	6.6	20	187		-5.9	-1.0	2.0	2	J
18	367	7.3	46	J	6.5	16	167		-5.6	1.0	1.9	3	J
19	373	7.9	75	J	6.4	12	163		-4.5	1.1	1.3	4	J
20	387	7.4	37	J									
21													
22													
23													
24													

JUN. 1, 1993 (152)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV MAGN	B LAT	GSE LON	GSE	BXGSM	BYGSM	BZGSM	SG	I MF SC
1													
2	406	5.6	31	J	7.0	-6	119		-2.5	4.5	0.8	5	J
3	409	5.4	42	J	6.7	7	110		-2.0	5.1	2.0	3	J
4	404	5.3	42	J	6.8	19	114		-2.5	5.1	3.2	2	J
5	412	4.6	65	J	7.0	24	107		-1.7	5.2	3.4	2	J
6	412	4.3	62	J	7.0	18	108		-2.0	6.0	2.7	1	J
7	418	3.9	72	J	6.8	21	102		-1.3	6.0	2.6	1	J
8	402	4.8	46	J	6.9	23	107		-1.8	5.9	2.6	2	J
9	411	4.7	44	J	6.7	26	97		-0.7	5.6	2.5	3	J
10	406	4.5	39	J	6.7	15	106		-1.7	6.1	1.3	2	J
11	399	5.4	75	J									
12	417	5.4	48	J	6.6	45	112		-1.6	4.3	3.9	3	J
13	390	4.5	58	J	6.8	-12	130		-4.1	4.8	-1.7	2	J
14	381	4.7	55	J	6.2	-13	126		-3.2	4.4	-1.4	3	J
15													
16													
17													
18													
19													
20													
21													
22													
23													
24					6.2	3	153		-5.5	2.5	1.2		J

JUN. 2, 1993 (153)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV MAGN	B LAT	GSE LON	GSE	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	363	6.2	43	J	6.3	-6	144		-4.9	3.6	0.5	1	J
2	347	7.2	41	J	6.2	-14	140		-4.5	4.0	-0.4	2	J
3	353	8.1	46	J	6.2	-12	124		-3.3	5.1	-0.1	1	J
4													
5													
6													
7	338	11.5	31	J	5.3	-9	150		-4.4	2.6	-0.7	1	J
8	343	12.9	39	J	5.2	-13	145		-4.1	2.8	-1.2	1	J
9	349	15.4	38	J	5.6	-16	136		-3.8	3.6	-1.7	1	J
10	357	20.9	28	J	5.1	-31	150		-3.6	1.9	-2.7	1	J
11	351	21.4	16	J	4.7	-43	164		-3.1	0.6	-3.1	2	J
12	341	18.2	13	J	5.7	-2	116		-2.4	4.8	-0.6	2	J
13	340	18.4	11	J	5.4	-42	93		-0.2	3.4	-3.5	2	J
14	330	17.5	18	J	5.3	-7	127		-3.1	4.1	-0.8	1	J
15	328	18.4	17	J	5.2	2	127		-2.9	3.9	0.2	2	J
16	322	18.0	21	J	5.0	-23	147		-3.7	2.5	-1.7	1	J
17	321	19.4	19	J	4.5	-14	170		-3.7	0.8	-0.9	2	J
18	315	19.3	18	J	3.9	-15	175		-3.7	0.5	-0.9	1	J
19	315	20.4	10	J	2.9	-30	203		-2.1	-0.6	-1.5	1	J
20	319	23.3	11	J	2.9	-3	212		-2.2	-1.3	-0.5	1	J
21	324	28.2	15	J	2.8	-9	218		-1.9	-1.3	-0.8	1	J
22	330	27.6	13	J	3.5	11	33		2.2	1.2	1.0	2	J
23	328	28.6	11	J	3.4	29	359		2.7	-0.5	1.4	1	J
24	324	27.4	13	J	3.5	11	310		1.3	-1.6	-0.1	3	J

JUN. 3, 1993 (154)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV MAGN	B LAT	GSE LON	GSE	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	329	21.4	22	J	6.0	45	285		0.7	-3.3	1.8	5	J
2	337	20.2	22	J	6.6	-22	205		-4.8	-1.6	-2.7	3	J
3	329	17.0	36	J	5.1	-40	147		-2.4	2.1	-2.0	3	J
4	331	15.6	43	J	4.9	-35	143		-3.1	2.8	-2.2	1	J
5													
6													
7													
8	353	34.4	45	J	6.9	-42	327		3.9	-2.6	-4.1	3	J
9	357	40.1	49	J									
10	363	40.4	46	J									
11	361	44.6	31	J									
12	385	20.4	37	J									
13	386	18.2	45	J									
14	385	14.6	48	J									
15	433	14.6	182	J									
16	456	15.6	190	J									
17	427	19.9	280	J									
18	426	16.4	175	J									
19													
20													
21													
22													
23													
24													

JUN. 4, 1993 (155)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV MAGN	B LAT	GSE LON	GSE	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	453	15.5	178	J									
2	512	17.8	233	J									
3	560	14.5	223	J									
4	657	10.0	558	J									
5	700	9.6	700	J									
6	704	10.0	656	J									
7													
8													
9													
10													
11													
12													
13	766	5.5	263	J									
14	765	5.8	245	J									
15	776	4.9	264	J									
16	772	4.7	242	J									
17	767	5.4	345	J									
18	771	5.9	395	J									
19	775	6.0	358	J									
20													
21													
22													
23													
24													

JUN. 9, 1993 (160)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV MAGN	B LAT	GSE LON	GSE	BXGSM	BYGSM	BZGSM	SG	I MF SC
1													
2													
3													
4													
5													
6													
7													
8													
9													
10	490	4.7	76	J									
11													
12													
13													
14													
15													
16													
17													
18													
19													
20	395	3.2	20	J									
21													
22													
23													
24													

JUN. 10, 1993 (161)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV MAGN	B LAT	GSE LON	GSE	BXGSM	BYGSM	BZGSM	SG	I MF SC
1													
2													
3													
4	402	5.7	10	J	4.0	47	133		-1.7	1.5	2.9	2	J
5	403	5.3	17	J	3.2	31	121		-1.1	1.7	1.4	2	J
6	425	5.6	30	J	2.7	5	73		0.5	1.5	0.2	3	J
7	429	6.6	16	J	2.4	-53	45		0.9	0.9	-1.7	1	J
8	432	8.2	15	J	1.2	-53	45		0.5	0.4	-0.9	1	J
9	432	8.0	16	J	2.3	-52	34		1.2	0.6	-1.9	1	J
10	424	6.4	19	J	3.5	-51	130		-1.1	1.1	-2.3	2	J
11					5.1	12	153		-4.0	2.2	0.7	2	J
12	375	4.3	35	J	5.4	-4	134		-3.5	3.6	-0.9	2	J
13					5.7	16	144		-4.2	3.2	1.1	2	J
14	397	4.7	30	J	4.8	40	156		-3.1	1.6	2.7	2	J
15	393	5.9	42	J	4.3	20	136		-2.4	2.3	1.1	2	J
16	390	6.4	50	J	4.2	9	132		-2.5	2.8	0.6	2	J
17	401	8.0	32	J	5.2	30	254		-1.2	-4.3	2.2	2	J
18	401	7.7	21	J	6.1	35	251		-1.6	-5.0	2.8	1	J
19	470	23.1	86	J	12.9	6	100		-1.8	10.1	3.0	7	J
20	474	24.3	73	J	13.6	54	294		2.4	-7.1	6.7	9	J
21	468	19.3	182	J	13.1	27	143		-7.4	4.2	6.0	8	J
22					13.2	-12	260		-2.1	-10.9	-5.8	4	J
23													
24													

JUN. 11, 1993 (162)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2	508	16.1	61	J	9.8	-5	126	-5.6	7.7	0.8	2	J
3	508	15.7	99	J	9.5	2	123	-4.8	7.3	1.6	3	J
4	482	8.6	79	J	10.1	14	138	-7.1	6.1	3.2	1	J
5	477	7.5	80	J	10.2	20	127	-5.6	7.2	3.9	3	J
6	472	6.2	61	J	10.3	17	123	-5.3	8.0	3.1	2	J
7	482	4.2	76	J	10.0	20	122	-4.8	7.8	3.1	2	J
8					10.0	24	128	-5.6	7.4	3.5	2	J
9	500	4.1	65	J	9.7	25	119	-4.2	7.9	3.2	2	J
10	490	2.8	65	J	10.2	18	128	-5.9	7.8	2.0	1	J
11					10.3	8	125	-5.8	8.4	0.2	1	J
12					10.3	7	128	-6.2	8.0	0.0	2	J
13					9.8	11	140	-7.2	6.3	1.0	2	J
14	478	4.4	100	J	9.1	26	117	-3.5	7.2	3.0	3	J
15	497	6.9	89	J	8.3	54	85	0.4	4.9	5.9	3	J
16	468	6.5	120	J	8.7	21	111	-2.5	6.6	2.6	4	J
17	457	6.3	122	J	8.3	1	122	-4.3	6.9	0.5	2	J
18												
19					9.1	17	124	-4.5	6.1	3.6	4	J
20					8.7	14	112	-2.7	6.1	3.2	5	J
21												
22												
23												
24												

JUN. 12, 1993 (163)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2	450	7.2	84	J	10.6	6	120	-4.8	8.0	2.7	4	J
3	450	7.1	66	J	11.0	8	122	-5.7	8.8	3.0	1	J
4												
5												
6	468	9.6	197	J	9.1	-14	137	-5.6	5.3	-1.8	5	J
7	465	8.0	102	J	12.3	17	114	-4.7	10.6	3.1	3	J
8	469	8.4	195	J	10.9	-47	153	-5.7	2.3	-7.1	5	J
9	489	9.7	211	J	9.7	39	125	-3.7	5.8	4.5	5	J
10	496	9.6	190	J	8.9	-4	130	-4.7	5.4	-1.3	5	J
11	502	9.5	158	J	8.6	-23	131	-4.5	4.6	-3.7	5	J
12	539	6.4	95	J	5.4	31	183	-4.1	0.2	2.5	3	J
13	549	6.6	135	J	5.3	21	195	-3.9	-0.8	1.7	3	J
14	544	5.7	164	J	4.8	7	172	-3.5	0.5	0.4	3	J
15					5.3	37	145	-2.7	2.1	2.4	3	J
16					5.5	-10	130	-3.1	3.7	-0.9	3	J
17	535	6.3	91	J	5.6	3	147	-4.2	2.7	0.4	3	J
18	533	7.3	122	J	6.1	1	158	-4.6	1.9	0.3	4	J
19	505	7.6	155	J	6.1	3	142	-4.2	3.2	0.8	3	J
20	549	6.0	141	J	6.4	3	105	-1.5	5.5	1.5	3	J
21												
22												
23												
24												

JUN. 13, 1993 (164)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	500	6.0	63	J	6.0	12	158	-5.0	1.7	1.6	2	J
2	504	5.9	54	J	6.1	-2	148	-4.6	2.8	0.4	3	J
3	519	6.4	77	J	6.1	-13	39	3.1	2.6	-0.5	5	J
4	524	6.6	95	J	6.4	9	2	5.9	0.1	1.0	2	J
5	505	6.6	85	J	6.2	-4	145	-4.4	3.1	-0.2	3	J
6	481	6.5	83	J	6.1	4	193	-5.6	-1.3	0.4	2	J
7	486	6.6	96	J	6.5	-7	170	-5.1	0.9	-0.7	4	J
8	513	7.0	85	J	6.9	-39	136	-2.2	1.9	-2.7	6	J
9	507	6.9	77	J	6.8	8	157	-3.1	1.4	0.3	6	J
10	489	6.8	72	J	6.8	17	178	-5.8	0.5	1.7	3	J
11	487	6.8	75	J	6.6	-3	166	-5.5	1.3	-0.5	3	J
12					7.0	-34	187	-4.3	-1.0	-2.8	5	J
13					7.1	-9	227	-4.5	-4.9	-0.3	3	J
14												
15	473	6.5	109	J	6.8	18	182	-6.2	-0.1	2.0	2	J
16	504	6.2	68	J	6.9	10	134	-2.9	3.1	0.7	5	J
17	510	5.3	40	J	7.2	4	100	-1.2	7.0	0.8	1	J
18					6.6	5	105	-1.7	6.2	1.2	2	J
19	442	9.3	291	J	5.8	-14	150	-4.7	2.9	-0.9	1	J
20	461	6.0	179	J	6.2	-10	161	-5.2	2.0	-0.6	3	J
21	445	8.2	292	J	5.3	-34	176	-3.9	0.9	-2.5	3	J
22					4.7	-8	188	-4.5	-0.4	-0.8	1	J
23	457	5.0	203	J	4.6	10	177	-4.1	0.0	0.8	2	J
24	460	4.9	161	J	5.1	19	161	-4.2	1.0	1.8	2	J

JUN. 14, 1993 (165)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2	485	4.4	62	J	4.9	18	104	-1.1	4.0	2.3	1	J
3	465	4.0	45	J	5.0	9	129	-2.9	3.5	1.3	2	J
4	464	4.7	36	J	4.6	-32	121	-1.6	2.9	-1.7	3	J
5	456	5.4	69	J	4.0	-24	143	-2.4	1.9	-1.2	2	J
6	452	5.7	42	J	4.8	-5	122	-2.3	3.7	-0.4	2	J
7	455	6.4	51	J	4.5	-12	115	-1.6	3.3	-1.0	2	J
8	452	6.7	72	J	4.1	-2	122	-1.7	2.7	-0.4	3	J
9	466	6.9	48	J	4.3	-45	82	0.4	2.5	-3.3	1	J
10												
11					5.6	30	108	-1.5	4.9	1.9	1	J
12					5.3	1	102	-0.9	4.2	-0.7	3	J
13												
14					6.0	32	218	-3.0	-2.0	2.7	4	J
15					5.8	3	220	-4.1	-3.4	0.6	2	J
16					6.5	27	183	-5.5	-0.2	2.8	2	J
17					5.8	20	194	-4.8	-1.3	1.8	3	J
18					5.9	10	165	-4.9	1.2	1.0	3	J
19					5.6	25	199	-4.6	-1.9	2.0	1	J
20					5.5	26	185	-4.7	-0.9	2.2	2	J
21												
22	405	5.8	48	J	5.2	-29	324	2.8	-1.5	-2.3	3	J
23	405	5.4	44	J	4.7	-21	187	-4.1	-0.1	-1.7	2	J
24	410	5.8	44	J	4.7	-9	183	-3.8	0.0	-0.6	3	J

JUN. 15, 1993 (166)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	407	6.6	58	J	4.7	-17	203	-3.6	-1.2	-1.5	2	J
2	426	6.7	60	J	3.9	-29	110	-0.9	2.8	-1.0	3	J
3												
4	408	5.9	41	J	4.1	-12	238	-0.9	-1.4	-0.5	4	J
5												
6	443	7.9	71	J	4.4	-24	43	2.6	2.4	-1.6	2	J
7					4.4	-30	67	1.1	2.5	-1.8	3	J
8												
9	412	7.6	32	J	5.9	33	107	-1.4	5.0	2.5	1	J
10	404	7.2	42	J	5.8	27	119	-2.2	4.3	1.6	3	J
11	400	8.6	47	J	5.9	18	98	-0.6	4.7	0.6	4	J
12	397	7.8	23	J	6.6	23	101	-1.1	6.0	1.4	2	J
13	391	8.0	26	J	6.4	11	101	-1.2	6.1	0.2	2	J
14	355	6.6	29	J	6.4	69	117	-0.3	0.8	1.5	6	J
15					6.8	11	55	3.7	5.4	0.8	2	J
16	404	6.8	17	J	6.4	31	79	1.0	5.4	3.0	1	J
17	395	7.0	14	J	6.3	23	90	0.0	5.4	2.4	2	J
18	370	7.6	22	J	6.6	20	122	-3.2	5.0	2.7	1	J
19	362	7.1	26	J	6.3	-3	134	-4.2	4.4	0.3	2	J
20	368	6.6	17	J	6.4	22	113	-2.2	4.7	3.2	2	J
21	403	10.0	357	J	7.0	29	95	-0.5	5.1	4.6	1	J
22	361	7.2	12	J	6.6	30	112	-2.1	4.3	4.4	1	J
23	374	8.0	17	J	5.7	25	93	-0.3	4.2	3.4	2	J
24	371	7.2	19	J	6.3	20	112	-2.1	4.7	3.3	2	J

JUN. 16, 1993 (167)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					7.1	13	108	-2.1	6.0	2.9	1	J
2	362	5.5	7	J	7.3	10	100	-1.2	6.5	2.5	2	J
3												
4	372	7.9	13	J	6.4	27	97	-0.7	5.3	3.4	1	J
5	364	7.8	23	J	6.5	49	112	-1.5	3.5	4.7	2	J
6	344	8.1	48	J	6.4	3	135	-4.4	4.4	0.3	1	J
7	361	8.2	22	J	6.7	-22	117	-2.6	5.0	-2.6	2	J
8	367	7.9	14	J	6.5	12	98	-0.7	4.7	0.5	5	J
9	360	7.9	15	J	6.6	17	105	-1.6	6.1	1.0	2	J
10	355	7.0	11	J								
11												
12	355	7.2	11	J	6.4	3	102	-1.3	6.0	-0.8	2	J
13	355	6.7	10	J	6.2	-17	102	-1.2	5.2	-2.7	2	J
14	365	7.0	20	J	6.0	21	114	-2.2	5.2	1.3	2	J
15	359	6.0	11	J	6.4	19	106	-1.6	5.8	1.4	2	J
16	358	6.4	18	J	6.4	32	112	-2.0	5.1	3.1	1	J
17	370	6.8	14	J	6.8	8	100	-1.2	6.5	1.0	1	J
18	361	6.3	15	J	6.5	10	102	-1.3	5.9	1.5	2	J
19	356	6.2	9	J	6.4	13	87	0.3	5.9	2.2	1	J
20	351	6.2	27	J	6.0	8	112	-2.2	5.1	1.8	1	J
21	352	5.8	14	J	6.0	11	113	-2.2	4.9	2.2	1	J
22	343	6.4	33	J	6.0	0	134	-4.2	4.2	1.0	1	J
23	351	6.7	42	J	5.8	8	129	-3.6	4.1	1.9	1	J
24	343	5.8	24	J	5.6	14	129	-3.4	3.8	2.3	1	J

JUN. 17, 1993 (168)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	336	5.8	23	J	5.7	2	156	-4.6	2.0	0.6	3	J
2	332	5.9	17	J	5.7	7	166	-5.4	1.2	0.9	1	J
3	341	6.3	23	J	5.5	-5	134	-3.5	3.6	0.0	2	J
4	349	6.7	14	J	5.7	18	92	-0.2	5.2	2.2	1	J
5	342	8.1	29	J	6.2	-6	130	-3.6	4.4	-0.5	2	J
6	339	7.8	16	J	5.8	-6	129	-3.5	4.3	-0.7	2	J
7	355	9.1	17	J	6.8	26	88	0.2	5.5	2.2	4	J
8	359	10.4	17	J	6.3	-3	82	0.8	5.8	-1.0	2	J
9	350	10.3	18	J	5.9	10	90	0.0	4.5	0.1	4	J
10	349	10.7	15	J	6.8	28	48	3.7	4.5	2.1	3	J
11	345	11.6	11	J	5.7	0	90	0.0	5.1	-1.0	2	J
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

JUN. 21, 1993 (172)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14					5.2	76	342	1.1	0.5	4.5	2	J
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

C-4.

93-06-22 - 93-06-29

JUN. 22, 1993 (173)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7	284	18.2	4	J	1.1	19	278	0.1	-0.6	0.3	1	J
8	279	12.9	7	J	3.6	-36	56	0.9	1.1	-1.4	3	J
9	276	12.2	7	J	5.4	-42	279	0.6	-4.4	-2.7	2	J
10					4.9	-36	288	1.2	-4.1	-1.9	2	J
11	286	16.1	8	J	3.5	13	60	1.6	2.9	0.1	1	J
12	287	15.8	7	J	3.0	5	327	1.9	-1.2	0.5	2	J
13												
14												
15												
16												
17												
18												
19	280	18.0	10	J	3.7	20	330	2.5	-1.5	0.9	2	J
20	285	16.4	17	J	4.5	-16	311	2.3	-2.5	-1.4	3	J
21	293	14.6	10	J	6.0	-26	275	0.5	-4.7	-3.4	2	J
22												
23												
24												

JUN. 23, 1993 (174)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6					8.1	10	311	5.2	-5.8	1.8	1	J
7	300	31.0	8	J	9.1	30	303	4.1	-5.7	5.0	3	J
8												
9	303	44.1	12	J	7.9	4	316	5.3	-4.9	1.5	3	J
10	308	48.8	13	J	10.9	33	311	5.9	-5.3	7.2	2	J
11	343	76.3	32	J	17.3	53	295	4.2	-5.7	15.0	5	J
12	352	71.9	56	J	16.2	64	259	-0.6	-1.6	7.4	15	J
13	354	36.5	69	J	22.1	52	136	-9.3	12.5	14.2	7	J
14	438	17.7	434	J	21.1	-1	140	-15.6	12.8	-2.9	5	J
15	437	15.2	245	J	19.9	21	148	-15.3	10.5	5.4	5	J
16	436	12.9	175	J	19.6	11	153	-16.8	8.9	2.8	3	J
17	388	22.2	111	J	20.1	8	152	-17.3	9.3	2.4	3	J
18	453	15.9	227	J	21.2	23	146	-15.6	10.3	8.3	5	J
19	486	18.8	483	J	21.6	5	119	-9.5	17.0	3.2	9	J
20	503	19.7	345	J	21.8	-39	83	1.8	16.3	-10.0	10	J
21												
22												
23												
24												

JUN. 24, 1993 (175)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6					9.4	15	157	-8.2	3.6	2.1	2	J
7	589	10.4	180	J	9.6	-40	140	-5.4	3.8	-6.4	3	J
8												
9												
10												
11												
12												
13												
14												
15												
16	763	3.6	138	J	8.8	-5	142	-6.7	5.1	-1.3	2	J
17	689	4.0	82	J	8.2	11	159	-7.0	2.7	1.3	3	J
18					8.4	7	165	-6.2	1.7	0.8	5	J
19	702	3.8	284	J	8.4	5	119	-3.5	6.3	1.1	4	J
20					7.9	10	118	-2.4	4.4	1.5	6	J
21												
22												
23					6.8	-6	118	-3.0	5.6	0.4	3	J
24					6.7	-19	142	-4.5	3.8	-1.3	3	J

JUN. 25, 1993 (176)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10					6.1	-47	28	2.8	0.7	-3.7	4	J
11												
12												
13					6.0	-21	126	-2.9	3.4	-2.7	3	J
14					6.1	-9	150	-4.2	2.2	-1.3	4	J
15					6.0	6	154	-4.8	2.4	0.2	3	J
16	592	3.6	89	J	6.4	4	170	-5.5	1.0	0.3	3	J
17												
18					6.0	-10	243	-1.4	-2.7	-0.6	5	J
19					6.0	5	95	-0.5	5.5	0.9	3	J
20												
21												
22												
23												
24												

JUN. 26, 1993 (177)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7					5.0	74	37	1.1	1.4	4.5	2	J
8	564	4.1	159	J	4.1	-22	164	-2.5	0.5	-1.2	3	J
9					4.2	42	243	-1.1	-1.6	2.5	3	J
10	522	3.6	116	J	3.6	38	114	-1.1	2.9	1.4	1	J
11	504	3.5	80	J	4.2	35	174	-3.0	0.9	2.0	2	J
12												
13					3.7	13	140	-2.6	2.3	0.2	1	J
14	516	3.9	74	J	4.1	64	122	-0.8	1.9	2.8	2	J
15	511	4.1	82	J	4.2	12	117	-1.2	2.5	0.2	3	J
16												
17												
18												
19												
20												
21												
22												
23												
24												

JUN. 27, 1993 (178)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2					3.8	26	92	-0.1	1.9	1.2	3	J
3					4.0	-47	123	-1.4	2.4	-2.7	1	J
4												
5												
6												
7												
8												
9												
10												
11	462	6.3	47	J	4.6	-68	162	-1.4	-0.5	-3.7	2	J
12	471	6.5	81	J	4.2	33	265	-0.2	-1.7	1.9	3	J
13	466	5.9	96	J	3.6	4	237	-1.6	-2.3	0.8	2	J
14	470	5.2	81	J	5.0	46	108	-0.9	3.2	2.2	3	J
15	475	4.4	72	J	5.8	27	90	0.0	4.9	1.5	3	J
16	470	4.6	71	J	5.8	-11	95	-0.5	5.4	-1.8	1	J
17												
18												
19	464	4.1	45	J	5.8	8	92	-0.2	5.5	1.1	1	J
20	458	3.9	49	J	5.7	11	98	-0.7	5.0	1.5	2	J
21	464	3.9	46	J	5.7	9	86	0.4	5.3	1.6	2	J
22	475	4.3	39	J	5.9	14	68	2.1	4.9	2.2	1	J
23	466	4.6	38	J	5.9	15	78	1.1	4.9	2.2	2	J
24	452	4.8	37	J	5.7	25	89	0.1	4.6	3.1	2	J

JUN. 28, 1993 (179)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	456	5.5	44	J	4.8	54	70	0.8	1.8	3.5	3	J
2	482	5.3	56	J	5.3	0	354	5.1	-0.5	-0.1	1	J
3	473	5.8	33	J	5.7	2	23	4.8	2.0	0.3	3	J
4	460	5.6	44	J	4.5	-8	35	3.2	2.3	-0.5	2	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16	374	7.0	63	J	4.5	10	137	-3.1	3.0	0.4	1	J
17	377	6.6	31	J	4.4	25	133	-2.6	2.9	1.6	1	J
18	375	7.4	21	J	4.0	20	122	-1.6	2.6	1.1	2	J
19	372	8.4	16	J	4.0	44	124	-1.6	2.2	2.8	1	J
20												
21												
22					3.7	16	103	-0.7	3.0	1.4	1	J
23	364	9.5	24	J	4.0	41	103	-0.6	2.1	2.5	2	J
24	356	10.4	33	J	4.4	45	169	-2.8	0.1	2.9	2	J

JUN. 29, 1993 (180)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	370	13.3	21	J	5.1	18	95	-0.4	3.9	1.8	3	J
2	365	12.1	20	J	6.0	53	121	-1.5	2.2	4.2	3	J
3	367	15.3	28	J	6.3	36	116	-1.1	2.2	2.0	5	J
4	378	17.5	30	J	5.4	55	330	0.9	-0.5	1.6	5	J
5	377	23.4	26	J	4.9	34	257	-0.5	-2.3	1.7	4	J
6	374	23.3	16	J	7.3	34	300	2.9	-4.7	4.5	2	J
7	374	22.7	70	J	9.0	-2	287	2.5	-8.1	1.0	3	J
8	371	30.6	198	J	9.5	32	290	2.7	-6.3	6.3	2	J
9					9.3	40	292	2.6	-5.0	7.3	1	J
10					9.4	33	282	1.6	-6.1	7.0	0	J
11												
12												
13												
14												
15												
16												
17												
18												
19	373	20.4	16	J	4.2	45	116	-0.2	0.5	0.6	4	J
20	366	17.8	19	J	4.6	75	221	-0.2	-0.2	0.9	5	J
21	369	19.5	19	J	3.6	59	213	-0.8	-0.7	1.5	3	J
22	367	19.2	21	J	3.8	8	192	-3.0	-0.7	0.3	2	J
23	367	16.9	25	J	4.6	-11	144	-2.0	1.5	-0.3	4	J
24	368	11.3	19	J	6.4	-39	175	-3.3	0.6	-2.6	5	J

93-07-04 - 93-07-11

JUL. 4, 1993 (185)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	422	8.4	75	J								
13					8.0	-9	353	7.6	-1.3	-0.9	2	J
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

JUL. 5, 1993 (186)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6	391	7.7	89	J	6.0	-15	277	0.7	-5.6	-0.7	2	J
7	393	7.1	125	J	6.1	-2	270	0.0	-5.8	1.0	1	J
8	405	6.4	75	J	6.9	19	331	5.5	-2.5	2.9	1	J
9	398	7.8	82	J	6.6	16	340	5.8	-1.5	2.3	1	J
10												
11	395	7.2	78	J	6.4	20	342	5.5	-1.0	2.6	1	J
12												
13												
14	404	4.7	18	J	5.5	5	319	3.4	-2.7	1.2	3	J
15	417	6.4	28	J	5.2	-3	327	4.2	-2.7	0.4	1	J
16					4.9	2	328	3.9	-2.4	0.6	1	J
17												
18												
19												
20												
21												
22												
23												
24												

JUL. 6, 1993 (187)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6	340	10.1	18	J	4.5	2	331	3.8	-2.0	0.5	1	J
7	346	11.3	15	J	5.7	-3	312	3.6	-4.0	0.5	2	J
8	357	12.4	13	J	6.7	12	296	2.7	-5.0	2.6	2	J
9	359	15.8	13	J	7.1	-11	293	2.6	-6.2	0.5	2	J
10	354	16.4	13	J	7.2	-37	296	2.4	-6.0	-2.4	2	J
11	364	8.7	13	J	8.8	-15	285	1.9	-7.4	0.4	5	J
12	366	5.5	11	J	9.9	10	280	1.7	-8.4	4.7	1	J
13	363	6.3	11	J	9.8	8	280	1.7	-8.6	4.2	2	J
14	361	6.7	10	J	9.7	8	286	2.6	-8.4	3.9	1	J
15												
16												
17												
18					9.4	9	306	5.4	-7.3	2.0	1	J
19	356	7.8	20	J	9.8	14	294	3.8	-8.5	2.4	2	J
20	360	7.7	22	J	9.8	0	291	3.5	-9.1	-0.3	1	J
21	363	10.1	17	J	8.5	12	302	4.2	-6.8	1.2	2	J
22	362	16.1	29	J	7.2	80	129	-0.4	0.1	3.3	6	J
23	357	17.6	16	J	7.7	-1	73	1.8	5.8	0.5	5	J
24												

JUL. 7, 1993 (188)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6	363	10.4	26	J	12.4	18	317	7.8	-6.6	4.6	6	J
7	359	14.2	16	J	12.4	31	318	7.7	-5.5	7.5	3	J
8	361	12.7	29	J	10.5	30	328	6.9	-3.0	5.6	5	J
9	358	10.7	29	J	10.8	25	327	6.8	-3.2	4.9	6	J
10	358	10.0	20	J	11.1	61	346	5.1	1.8	9.5	2	J
11	369	9.3	21	J	10.9	69	49	2.4	5.8	8.2	4	J
12	374	10.8	29	J	11.1	66	311	2.8	0.1	10.2	4	J
13					11.0	12	308	6.6	-7.3	4.9	1	J
14	372	10.0	24	J	10.5	45	326	6.1	-1.8	8.2	2	J
15	366	9.0	30	J	10.3	16	312	6.4	-6.2	4.4	3	J
16	377	8.6	29	J	9.8	56	335	4.5	-0.6	7.6	4	J
17	386	9.2	35	J	10.0	60	330	3.9	-1.1	7.9	5	J
18	388	10.2	27	J	11.2	19	309	6.3	-7.5	4.0	4	J
19	381	9.7	23	J	10.8	15	315	7.2	-7.2	2.9	2	J
20					10.4	56	343	4.7	-1.7	7.2	6	J
21					10.8	53	341	6.1	-2.7	8.5	1	J
22												
23												
24												

JUL. 8, 1993 (189)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6	451	19.9	84	J	10.1	61	49	2.2	3.5	5.5	8	J
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17	457	16.0	63	J	9.2	15	132	-5.8	6.7	1.4	3	J
18	451	17.3	40	J	9.5	14	49	6.0	7.0	1.7	2	J
19					8.3	20	46	5.4	5.7	2.7	1	J
20	433	25.7	51	J	7.3	21	53	4.0	5.3	2.7	1	J
21	429	23.3	58	J	8.3	22	64	3.3	6.6	3.4	2	J
22	427	21.1	62	J	8.3	27	57	3.9	5.7	4.1	3	J
23	443	18.2	65	J	8.7	7	55	4.8	6.7	1.6	2	J
24	415	16.4	58	J	7.7	20	106	-1.7	5.7	2.7	4	J

JUL. 9, 1993 (190)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	407	17.2	61	J	7.6	14	135	-5.0	4.9	2.0	2	J
2					7.8	5	147	-6.4	4.2	0.8	2	J
3												
4												
5												
6												
7												
8												
9												
10	434	16.1	127	J	5.7	53	190	-1.6	0.4	2.1	5	J
11	437	14.1	120	J	7.5	23	128	-3.7	5.4	0.8	3	J
12	449	14.0	110	J	8.4	55	103	-1.0	6.0	4.3	4	J
13	450	14.7	126	J	8.5	37	105	-1.7	7.5	2.5	3	J
14	451	14.0	112	J	9.4	4	114	-2.9	6.4	-1.5	6	J
15	467	15.7	101	J	9.2	-41	94	-0.4	3.8	-5.7	6	J
16	457	12.9	114	J	10.7	15	119	-4.5	8.5	0.7	5	J
17	452	11.9	100	J	11.1	-35	176	-7.9	-0.3	-5.6	5	J
18	466	10.3	145	J	8.6	2	122	-3.8	6.1	-0.3	5	J
19	465	10.0	126	J	9.1	10	129	-5.2	6.5	1.3	3	J
20	462	9.5	140	J	8.5	21	131	-4.8	5.5	2.9	3	J
21	462	8.7	118	J	9.2	12	132	-5.8	6.4	2.2	3	J
22	465	7.2	111	J	8.8	-7	138	-6.4	5.8	-0.6	1	J
23	468	6.9	83	J	8.3	0	135	-5.8	5.8	0.5	1	J
24	473	7.2	80	J	7.4	0	150	-6.0	3.4	0.2	3	J

JUL. 10, 1993 (191)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	478	6.5	68	J	7.7	-13	295	2.7	-5.7	-1.7	4	J
2	486	5.8	91	J	7.8	-19	141	-5.1	4.2	-2.2	4	J
3	523	6.8	141	J	6.8	29	84	0.6	5.4	2.8	3	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	522	12.1	115	J	7.4	61	280	0.6	-1.3	6.9	2	J
15	515	11.8	140	J	6.0	54	175	-1.6	0.7	2.1	6	J
16	526	11.2	138	J	6.4	47	70	1.2	3.9	2.9	4	J
17	514	10.7	111	J	6.9	58	113	-1.1	3.4	4.2	4	J
18	536	10.4	133	J	7.5	66	39	1.4	1.5	3.9	6	J
19	517	8.7	160	J	6.8	-16	143	-4.8	3.6	-1.9	3	J
20	543	8.0	115	J	8.8	-17	132	-4.9	5.5	-2.2	4	J
21	537	8.1	169	J	8.3	-16	157	-6.5	2.9	-1.9	4	J
22	556	8.6	197	J	6.9	39	114	-1.8	3.7	3.8	4	J
23	555	9.4	194	J	6.1	9	134	-2.7	2.8	0.8	5	J
24	553	8.4	153	J	7.2	28	135	-3.7	3.6	3.0	4	J

JUL. 11, 1993 (192)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	539	8.5	171	J	6.8	4	198	-5.1	-1.7	0.3	4	J
2	600	7.9	177	J	5.7	10	269	-0.1	-3.3	0.5	5	J
3	594	6.6	150	J	8.3	-25	208	-6.4	-3.5	-3.3	2	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17	612	3.6	96	J	5.8	19	130	-2.2	2.8	0.7	5	J
18	609	3.9	105	J	5.8	11	101	-0.9	4.6	0.4	3	J
19	615	3.8	101	J	6.0	0	77	1.2	5.3	-0.2	2	J
20	603	4.2	98	J	5.8	23	88	0.2	4.6	2.0	3	J
21	580	4.2	88	J	5.5	43	104	-0.9	3.4	3.5	2	J
22	571	3.8	83	J	5.3	21	103	-0.9	3.9	1.8	3	J
23	536	3.6	101	J	5.6	22	141	-3.5	2.7	2.0	3	J
24	517	3.5	66	J	6.0	9	127	-3.4	4.5	1.2	2	J

93-07-12 - 93-07-23

JUL. 12, 1993 (193)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	505	4.6	61	J	5.1	19	146	-3.2	2.1	1.4	3	J
2	498	6.4	73	J	5.1	20	196	-4.0	-1.1	1.5	3	J
3	501	4.8	61	J								
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

JUL. 17, 1993 (198)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3	336	18.6	39	J								
4												
5	366	15.1	20	J	5.8	43	185	-3.7	0.3	3.5	3	J
6	363	14.5	22	J	5.0	40	206	-3.2	-0.9	3.3	2	J
7	361	16.7	28	J	5.3	27	96	-0.4	4.5	0.9	3	J
8	364	15.3	23	J	4.6	49	96	-0.3	3.5	2.1	2	J
9	363	14.5	25	J	4.3	46	112	-1.0	3.3	1.8	2	J
10	361	13.7	32	J	4.2	32	142	-2.2	2.3	1.0	3	J
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23	323	9.4	12	J	3.8	1	205	-3.4	-1.6	0.0	0	J
24	321	9.6	18	J	3.7	-7	185	-3.6	-0.3	-0.4	1	J

JUL. 18, 1993 (199)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	322	9.9	22	J	3.4	-17	176	-3.1	0.2	-1.0	1	J
2	323	9.9	13	J	3.4	23	144	-2.3	1.7	1.1	2	J
3	322	11.7	20	J	4.0	13	177	-3.8	0.3	0.9	1	J
4												
5												
6												
7												
8					3.6	-66	23	1.3	-0.5	-3.3	1	J
9	309	52.3	458	J	3.2	-58	351	1.5	-1.1	-2.2	1	J
10	346	48.0	924	J	3.0	-39	14	2.2	-0.2	-1.9	1	J
11	315	24.3	75	J	3.5	52	156	-1.9	1.8	2.1	2	J
12	336	16.5	9	J	4.9	27	112	-1.5	4.1	0.4	2	J
13	334	18.4	11	J	1.1	-55	167	-0.2	-0.1	-0.3	1	J
14					1.6	-17	181	-1.1	-0.1	-0.3	1	J
15	372	37.7	87	J	2.4	16	184	-2.2	0.1	0.7	1	J
16	369	43.1	159	J	1.9	1	190	-1.8	-0.3	0.1	1	J
17					2.4	-19	203	-2.0	-1.0	-0.6	1	J
18												
19												
20												
21												
22												
23	325	23.4	6	J	2.5	20	158	-1.6	0.6	0.6	2	J
24	330	24.3	6	J	3.0	33	141	-1.7	1.4	1.4	2	J

JUL. 19, 1993 (200)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	328	25.6	8	J	2.7	21	90	0.0	2.3	0.9	1	J
2	321	19.7	10	J	5.0	-33	337	3.6	-1.6	-2.4	2	J
3	324	17.9	10	J	5.7	-31	293	1.8	-4.5	-2.4	2	J
4	323	16.4	13	J	5.7	-30	286	1.3	-4.9	-2.1	1	J
5	319	15.9	13	J	5.8	-16	297	2.5	-5.1	-0.7	1	J
6	322	16.5	12	J	5.4	-14	289	1.7	-5.0	-0.1	1	J
7	316	17.2	12	J	5.2	1	300	2.5	-4.1	1.3	2	J
8	316	18.7	9	J	4.6	13	282	0.8	-3.4	2.1	2	J
9	312	19.3	10	J	3.8	-35	301	1.4	-2.9	-1.0	2	J
10	319	21.4	10	J	2.3	7	159	-1.0	0.4	0.0	2	J
11	322	22.7	9	J	3.0	1	158	-2.6	1.0	-0.4	1	J
12	321	21.9	9	J	3.0	-10	159	-2.6	0.7	-0.8	1	J
13	318	20.8	8	J	2.5	-38	155	-1.7	0.2	-1.7	1	J
14	314	20.1	8	J	2.1	-71	198	-0.6	-0.8	-1.6	1	J
15	319	17.4	11	J	3.0	9	162	-2.7	1.0	0.1	1	J
16	319	17.7	8	J	3.2	6	159	-2.9	1.2	0.0	1	J
17	317	20.2	11	J	2.8	7	180	-2.2	0.1	0.3	2	J
18	323	22.0	10	J	3.1	-20	188	-2.7	-0.5	-0.9	1	J
19	320	24.9	12	J	3.3	-1	186	-3.2	-0.3	0.0	1	J
20	318	23.8	12	J	3.5	9	175	-3.4	0.3	0.5	0	J
21												
22												
23												
24												

JUL. 20, 1993 (201)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3					8.3	-7	327	6.8	-4.5	-0.6	2	J
4	331	33.9	17	J	8.4	-8	330	7.0	-4.2	-0.6	2	J
5	330	35.0	14	J	7.1	-34	321	3.8	-3.6	-2.7	4	J
6					6.7	-41	329	3.9	-3.3	-3.3	3	J
7	333	46.2	16	J	7.3	-27	296	2.7	-6.1	-1.4	3	J
8	335	66.7	37	J	10.5	-48	139	-0.6	0.2	-1.0	11	J
9	380	29.6	60	J	12.6	32	136	-6.5	7.9	3.0	7	J
10	406	21.8	119	J	11.0	-58	106	-1.1	1.0	-7.2	8	J
11	432	20.4	138	J	9.4	-59	324	1.9	-2.8	-3.0	8	J
12	408	13.2	189	J	11.8	21	152	-8.5	5.6	1.5	6	J
13	435	13.8	209	J	12.2	51	136	-5.1	7.9	6.1	5	J
14												
15												
16												
17												
18												
19												
20												
21					11.9	29	106	-2.0	6.9	3.8	9	J
22	559	12.5	223	J	11.7	-7	108	-3.0	9.3	-1.2	6	J
23					7.6	-12	131	-4.0	4.6	-1.3	5	J
24					5.5	-8	108	-1.2	3.6	-0.5	4	J

JUL. 21, 1993 (202)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					5.4	-36	222	-1.8	-1.7	-1.7	5	J
2												
3					5.9	32	145	-3.8	2.9	2.6	2	J
4												
5												
6					5.0	-7	107	-0.6	1.9	-0.7	5	J
7	494	7.8	224	J	5.5	-26	171	-4.2	0.0	-2.2	3	J
8					5.4	-28	132	-3.1	2.4	-3.4	2	J
9	523	5.7	90	J	5.3	-36	150	-3.2	0.7	-3.1	3	J
10	511	5.4	65	J	5.4	-35	166	-4.0	-0.2	-3.0	2	J
11	511	5.6	65	J	5.4	-21	155	-3.7	0.9	-2.1	3	J
12	516	5.9	51	J	5.5	3	148	-3.3	2.0	-0.7	4	J
13	531	5.6	56	J	5.8	-7	103	-1.1	4.0	-2.4	3	J
14	498	5.4	37	J	5.5	-19	159	-4.1	0.9	-2.0	3	J
15	497	5.7	45	J	5.8	-8	179	-5.0	-0.2	-0.7	3	J
16					5.6	-15	200	-4.2	-1.8	-0.7	3	J
17					5.7	-23	195	-4.7	-1.7	-1.7	2	J
18					6.1	-1	205	-5.3	-2.4	0.3	2	J
19					5.8	-6	148	-3.6	2.2	-0.7	4	J
20					5.2	-18	106	-1.2	4.1	-1.7	2	J
21	507	5.7	70	J	5.3	20	148	-3.5	2.2	1.4	3	J
22	501	5.9	86	J	5.2	-1	149	-3.1	1.9	-0.1	4	J
23	497	5.6	69	J	5.3	34	195	-3.8	-1.0	2.7	2	J
24	498	5.5	54	J	5.7	-13	216	-4.3	-3.1	-1.2	2	J

JUL. 22, 1993 (203)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	488	5.4	65	J	5.8	-10	193	-5.2	-1.2	-0.9	2	J
2	488	6.1	87	J	5.8	-18	170	-4.6	0.7	-1.6	3	J
3												
4												
5	492	6.0	52	J	5.7	27	118	-1.6	3.4	1.1	4	J
6	487	6.5	81	J	5.8	26	160	-4.2	2.0	1.7	3	J
7					5.9	-7	192	-4.8	-1.1	-0.3	3	J
8	486	7.6	92	J	6.4	8	143	-4.7	3.6	-0.4	2	J
9												
10												
11	504	5.3	58	J	5.0	-5	126	-2.5	3.0	-1.8	3	J
12	520	5.2	60	J	5.0	-14	122	-2.4	3.0	-2.6	2	J
13	504	5.6	61	J	4.6	33	135	-2.3	3.0	1.0	2	J
14	497	5.7	67	J	4.7	39	139	-2.1	2.5	1.4	3	J
15	476	6.2	102	J	4.8	11	191	-4.0	-0.5	1.0	3	J
16	469	6.0	93	J	4.8	12	199	-4.0	-1.1	1.3	2	J
17	478	5.8	95	J	4.8	40	153	-2.6	1.9	2.1	3	J
18	478	6.1	89	J	4.6	22	144	-3.2	2.6	1.2	2	J
19	490	5.8	59	J	4.9	8	137	-2.8	2.6	0.2	3	J
20	439	8.7	295	J	4.8	-11	153	-3.7	1.8	-0.9	2	J
21	478	6.7	98	J	4.8	-5	133	-2.9	3.1	-0.5	2	J
22	486	5.6	86	J	4.6	12	114	-1.4	3.1	0.7	3	J
23	486	5.3	86	J	4.5	34	99	-0.5	2.9	1.9	3	J
24	486	4.2	67	J	4.4	-6	130	-2.0	2.4	-0.4	3	J

JUL. 23, 1993 (204)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	498	4.4	53	J	4.5	-8	127	-1.5	2.0	-0.4	4	J
2	516	4.2	42	J	3.8	9	72	0.9	2.9	0.3	2	J
3	499	3.6	39	J	3.4	-29	104	-0.6	2.3	-1.7	2	J
4					3.7	24	148	-2.4	1.7	1.0	2	J
5	458	3.5	64	J	4.1	-10	185	-3.8	-0.5	-0.6	1	J
6					4.3	2	143	-2.4	1.8	-0.4	3	J
7	477	4.4	58	J	4.0	-6	114	-1.4	2.9	-1.3	2	J
8	474	4.4	94	J	3.6	-13	158	-3.2	0.9	-1.2	1	J
9	462	5.1	189	J	3.2	7	144	-2.2	1.6	-0.3	2	J
10	475	4.2	42	J	2.8	20	99	-0.3	2.3	-0.1	2	J
11	471	4.9	77	J	1.9	35	151	-1.3	1.1	0.6	1	J
12	463	4.6	33	J	2.5	-64	198	-1.0	-1.2	-1.7	1	J
13												
14	454	3.6	28	J	4.4	9	74	1.1	3.8	-0.9	2	J
15	449	3.9	35	J	4.0	-14	49	2.3	2.2	-1.7	2	J
16	451	4.3	33	J	3.3	33	137	-1.6	1.8	0.9	2	J
17	449	5.1	37	J	2.4	61	110	-0.3	1.4	1.6	1	J
18	446	5.1	41	J	2.2	42	78	0.3	1.8	1.1	1	J
19	440	5.1	49	J	1.9	-1	119	-0.5	0.9	-0.1	2	J
20	440	5.1	45	J	2.1	18	107	-0.4	1.5	0.4	1	J
21	445	4.7	41	J	2.9	49	162	-1.6	0.6	1.9	2	J
22	446	4.6	54	J	3.1	7	161	-2.8	1.0	0.3	1	J
23	430	4.9	46	J	2.4	4	139	-1.5	1.3	0.1	2	J
24	425	5.2	34	J	2.5	1	127	-1.3	1.7	0.0	1	J

93-07-24 - 93-08-04

JUL. 24, 1993 (205)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	423	5.7	75	J	2.7	10	161	-2.4	0.9	0.4	1	J
2	421	5.6	75	J	2.4	6	141	-1.7	1.4	0.1	1	J
3												
4												
5												
6												
7												
8	405	5.2	23	J	3.3	-43	163	-2.2	-0.1	-2.2	1	J
9	407	5.0	22	J	3.4	-41	172	-2.5	-0.5	-2.1	1	J
10	406	4.9	29	J	3.4	-21	169	-3.0	0.0	-1.3	1	J
11					3.9	-13	157	-3.5	1.0	-1.4	1	J
12	377	5.7	48	J	4.1	-3	145	-3.3	2.0	-1.2	1	J
13	374	5.0	30	J	4.1	4	154	-3.7	1.8	-0.5	1	J
14	373	6.2	21	J	4.0	10	133	-2.6	2.8	-0.5	1	J
15	378	6.5	20	J	4.0	32	118	-1.6	3.5	0.9	1	J
16												
17	386	8.3	29	J	4.6	-47	48	1.9	1.3	-3.5	2	J
18	381	8.0	21	J	5.7	-21	62	2.3	3.9	-2.6	2	J
19	379	8.2	23	J	5.7	12	50	3.3	4.0	0.6	2	J
20	368	8.9	19	J	5.9	5	55	3.0	4.3	0.1	2	J
21												
22												
23												
24												

JUL. 25, 1993 (206)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	357	11.4	37	J								
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

JUL. 30, 1993 (211)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7					10.6	3	320	7.4	-5.7	2.6	4	J
8	429	13.0	56	J	10.8	24	340	9.1	-1.4	5.3	2	J
9	430	14.1	211	J	9.6	19	345	8.6	-0.8	3.7	2	J
10	428	13.2	195	J	10.2	26	355	8.9	1.2	4.2	3	J
11	426	10.7	148	J	9.7	18	329	6.4	-2.3	3.9	5	J
12	420	9.2	162	J	9.6	7	359	9.2	0.4	1.1	2	J
13	428	7.3	79	J	8.7	-8	352	8.1	-1.5	-0.5	3	J
14	426	6.1	73	J	7.7	-13	347	7.2	-2.2	-0.9	1	J
15	432	5.6	71	J	7.3	-7	341	6.4	-2.3	0.1	2	J
16	433	6.3	79	J	6.9	-12	352	6.5	-1.3	-1.0	2	J
17					7.0	-14	346	6.3	-2.0	-1.1	2	J
18	438	4.3	45	J	6.3	-12	346	5.8	-1.7	-0.9	1	J
19	442	3.8	54	J	5.4	-6	339	4.7	-1.9	-0.2	1	J
20					5.6	4	342	4.9	-1.5	0.5	2	J
21	448	3.4	22	J	5.8	2	348	5.4	-1.1	0.3	2	J
22												
23	436	3.9	79	J	5.8	12	348	5.5	-1.1	1.3	1	J
24	436	3.7	57	J	6.0	2	327	4.7	-3.0	0.4	2	J

JUL. 31, 1993 (212)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	435	4.5	88	J	6.3	-19	317	3.9	-3.8	-1.5	3	J
2	447	5.9	44	J	5.7	-2	261	-0.8	-5.1	0.4	2	J
3	436	7.1	41	J	6.1	-13	261	-0.8	-5.3	-0.4	3	J
4	404	7.0	28	J	7.4	3	297	3.3	-6.2	1.7	1	J
5	406	7.3	32	J	6.8	-15	289	2.0	-6.0	-0.1	2	J
6	390	8.7	63	J	5.6	-5	295	2.1	-4.5	1.0	2	J
7	386	8.7	71	J	6.2	6	305	3.1	-4.0	2.1	3	J
8	401	8.7	53	J	6.7	3	292	2.2	-4.8	2.4	3	J
9	436	8.2	65	J	7.4	44	20	4.7	3.6	3.7	3	J
10	434	8.7	105	J	6.4	34	357	5.1	1.3	3.2	2	J
11	430	9.7	167	J	5.1	-3	359	5.0	-0.2	-0.2	1	J
12	424	9.0	123	J	5.2	-13	5	4.5	-0.1	-1.1	2	J
13	440	7.5	78	J	4.3	-26	333	1.8	-1.3	-0.5	4	J
14	443	6.9	52	J	4.5	-24	296	1.6	-3.8	-0.1	2	J
15	433	6.8	72	J	4.7	11	335	3.7	-1.3	1.4	2	J
16	430	5.9	64	J	4.6	-1	328	3.6	-2.2	0.7	1	J
17	427	6.4	64	J	5.1	-8	322	3.7	-2.9	0.2	2	J
18	414	5.8	86	J	4.7	-27	336	3.7	-2.1	-1.7	1	J
19												
20												
21	407	5.9	24	J	5.3	-4	349	5.2	-1.0	-0.3	1	J
22	407	5.8	35	J	4.8	17	344	4.2	-1.1	1.4	1	J
23	402	6.1	28	J	5.4	-4	321	4.0	-3.2	-0.2	2	J
24	400	6.4	28	J	5.5	-3	315	3.7	-3.7	0.0	2	J

AUG. 1, 1993 (213)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	398	6.9	43	J	5.3	-8	333	4.7	-2.4	-0.5	1	J
2	395	5.8	35	J	5.2	11	334	4.3	-2.0	1.2	1	J
3	385	6.5	35	J	5.8	8	329	4.8	-2.7	1.2	1	J
4	380	7.9	31	J	5.6	13	316	3.6	-3.2	1.9	2	J
5	369	9.5	23	J	5.3	29	328	3.7	-1.6	2.9	2	J
6	362	8.7	29	J	5.5	16	330	4.3	-1.9	2.1	1	J
7	357	9.0	33	J	6.0	20	336	5.0	-1.4	2.6	1	J
8	349	11.2	27	J	5.0	21	330	3.9	-1.4	2.5	2	J
9	350	11.3	25	J	5.9	20	318	3.9	-2.4	3.2	2	J
10	344	12.5	21	J	5.9	22	322	4.0	-1.9	3.3	2	J
11	341	13.7	16	J	5.5	26	320	3.5	-1.6	3.3	2	J
12	342	14.6	15	J	5.2	26	308	2.7	-2.1	3.5	2	J
13	347	15.4	31	J	5.0	27	301	1.9	-2.0	3.1	3	J
14					5.3	27	303	2.4	-2.4	3.6	2	J
15	337	13.2	16	J	5.6	28	317	3.4	-1.9	3.5	2	J
16	339	13.3	14	J	5.7	23	283	1.0	-3.6	3.4	3	J
17	351	14.5	18	J	5.2	24	16	3.1	1.3	1.1	4	J
18	350	17.0	21	J	3.7	10	67	1.3	3.2	-0.1	1	J
19	349	17.3	21	J	3.3	7	80	0.5	3.0	-0.2	1	J
20	345	17.7	19	J	3.0	22	59	1.4	2.4	0.8	1	J
21	344	15.8	17	J	3.1	26	72	0.7	2.4	1.0	2	J
22	346	15.4	17	J	3.0	28	55	1.4	2.1	1.2	1	J
23	345	14.9	20	J	3.1	21	32	2.1	1.4	0.9	2	J
24	343	14.7	18	J	3.0	31	53	1.2	1.7	1.1	2	J

AUG. 2, 1993 (214)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	340	13.7	16	J	3.0	-10	36	2.2	1.5	-0.6	1	J
2	328	13.9	19	J	2.9	-9	317	1.6	-1.5	-0.2	2	J
3	334	11.7	14	J	2.6	4	344	2.3	-0.6	0.3	1	J
4	334	14.0	18	J	2.7	2	11	2.5	0.5	0.0	1	J
5	331	14.2	16	J	2.5	44	19	1.5	0.9	1.3	1	J
6	333	13.7	14	J	2.2	-35	97	-0.1	0.7	-1.0	2	J
7	329	13.9	12	J	2.6	54	1	1.4	0.7	1.7	1	J
8	328	13.7	9	J	1.6	18	55	0.8	1.3	0.0	1	J
9	326	13.6	9	J	1.8	7	38	1.3	1.0	-0.2	1	J
10	323	13.5	9	J	2.0	-18	57	1.0	1.1	-1.2	1	J
11	321	13.2	9	J	2.5	-6	68	0.9	1.8	-1.3	1	J
12	317	13.3	8	J	2.4	-26	81	0.3	1.3	-1.8	1	J
13	314	13.0	7	J	2.2	-34	59	0.9	0.8	-1.7	1	J
14	314	12.5	8	J	2.7	-3	28	2.3	1.0	-0.6	1	J
15	310	12.3	9	J	3.1	-2	11	2.9	0.5	-0.3	0	J
16	307	12.5	10	J	3.1	-5	6	3.0	0.2	-0.4	0	J
17	306	12.8	11	J	3.2	-17	354	2.9	-0.6	-0.8	1	J
18	300	15.0	24	J	3.1	0	11	2.9	0.6	-0.1	1	J
19	303	11.5	17	J	4.2	1	18	3.9	1.3	-0.2	1	J
20	302	11.3	23	J	4.0	16	15	3.4	1.0	0.9	2	J
21	319	10.5	8	J	4.3	-31	29	3.0	1.4	-2.2	2	J
22	316	9.7	14	J	4.8	-16	20	4.2	1.4	-1.4	1	J
23	317	10.3	16	J	4.9	-28	4	4.1	0.1	-2.2	2	J
24	313	10.7	22	J	5.0	-15	4	4.8	0.2	-1.3	1	J

AUG. 3, 1993 (215)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	313	10.9	24	J	5.1	-20	345	4.3	-1.3	-1.5	2	J
2	307	11.3	35	J	5.3	-14	341	4.9	-1.8	-1.1	0	J
3												
4												
5												
6	299	8.2	7	J	5.5	-16	4	5.2	-0.1	-1.5	1	J
7	301	9.3	10	J	5.8	-13	0	5.4	-0.4	-1.2	2	J
8	299	11.0	15	J	6.5	5	13	6.0	1.5	-0.1	2	J
9	302	10.9	19	J	6.5	8	19	5.9	2.2	-0.1	1	J
10	303	12.2	13	J	6.5	25	342	4.7	-0.3	2.7	4	J
11	301	12.5	10	J	7.0	7	330	5.8	-2.6	2.3	2	J
12	304	12.3	13	J	6.9	-11	324	5.3	-4.0	0.7	2	J
13	306	14.3	16	J	6.2	-11	303	3.0	-4.7	1.2	3	J
14	314	15.2	14	J	6.6	-9	271	0.1	-5.8	1.7	2	J
15	323	16.8	11	J	6.6	-33	239	-2.8	-5.6	-1.4	2	J
16	321	17.3	10	J	6.9	-44	235	-2.8	-5.3	-3.0	1	J
17	322	17.4	12	J	6.6	-14	267	-0.3	-5.3	0.3	4	J
18	310	15.2	25	J	6.9	-22	293	2.4	-6.2	-1.1	1	J
19	308	16.8	20	J	6.8	-37	296	2.3	-5.3	-3.0	2	J
20	310	16.0	28	J	7.7	10	296	3.1	-6.1	2.1	3	J
21	312	14.9	25	J	7.9	-11	279	1.2	-7.7	-0.7	2	J
22	314	18.7	22	J	7.5	-7	283	1.5	-6.7	-0.3	3	J
23	297	15.1	45	J	8.9	20	323	6.2	-4.5	3.2	3	J
24	299	14.5	42	J	8.2	-7	344	6.9	-2.0	-0.7	4	J

AUG. 4, 1993 (216)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	299	15.1	40	J	8.4	-17	333	6.5	-3.5	-1.9	4	J
2	286	17.1	62	J	7.9	-13	355	7.6	-0.9	-1.7	1	J
3	296	14.2	40	J	9.2	-2	321	6.8	-5.4	0.7	3	J
4	285	15.1	67	J	8.2	-6	336	6.8	-3.1	-0.1	4	J
5	303	15.4	25	J	9.5	-30	295	3.3	-8.1	-2.5	3	J
6	293	17.3	49	J	10.0	-26	340	7.4	-3.8	-2.8	5	J
7	312	23.6	24	J	9.8	11	269	-0.2	-7.8	5.0	3	I
8	323	24.0	22	J	10.6	-27	270	0.0	-10.0	-0.5	3	J
9	322	25.1	25	J	11.7	-38	282	1.9	-11.0	-2.4	2	J
10	326	27.1	26	J	12.7	-28	286	3.0	-12.0	-0.3	3	J
11	315	26.7	28	J	13.8	-63	8	5.9	-4.9	-10.7	4	J
12	322	29.4	26	J	14.3	-45	68	3.6	3.3	-12.8	4	J
13	326	33.3	27	J	14.3	-34	72	3.6	6.1	-12.0	3	J
14	324	34.3	27	J	14.1	-23	77	2.5	7.8	-9.1	7	J
15	333	33.7	20	J	14.3	-58	122	-4.0	1.0	-13.5	3	J
16	334	36.1	36	J	12.5	-53	93	-0.3	2.4	-8.1	9	J
17	337	33.1	47	J	14.5	-78	145	-2.1	-2.2	-12.1	8	J
18	341	33.9	96	J	13.1	-55	76	1.4	3.5	-9.6	8	J
19	335	29.9	175	J	10.0	-5	58	4.2	6.5	-2.0	7	J
20	341	27.3	213	J	9.3	-19	318	2.4	-2.3	-0.8	9	J
21	341	26.2	180	J	11.5	36	305	3.7	-4.8	5.3	8	J
22	354	22.2	177	J	14.8	-28	295	5.2	-11.7	-5.5	5	J
23	358	20.7	166	J	15.8	-65	320	4.9	-5.2	-13.3	5	J
24	356	18.8	155	J	16.3	-38	322	9.9	-8.6	-9.1	9	J

93-08-05 - 93-08-17

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
					AUG. 5, 1993 (217)							
1	376	38.3	80	J	12.3	-59	317	2.4	-2.9	-5.3	11	J
2	388	38.7	58	J	10.3	-27	115	-3.7	7.1	-5.4	4	J
3	385	31.4	59	J	9.6	-53	255	-1.1	-5.0	-4.8	7	J
4	385	20.4	83	J	9.9	-14	274	0.6	-9.3	-0.2	4	J
5	389	16.9	75	J	10.7	11	273	0.5	-8.4	4.3	5	J
6	383	14.6	80	J	11.2	-8	280	1.7	-9.7	1.8	5	J
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17	415	8.8	47	J	6.8	6	108	-1.9	5.9	-1.2	3	J
18	409	10.6	26	J	7.3	-11	116	-2.8	5.2	-2.6	3	J
19	404	11.7	34	J	6.8	6	146	-5.4	3.7	0.0	2	J
20	406	13.7	33	J	6.1	20	141	-3.5	3.1	1.2	4	J
21	441	9.3	91	J	6.3	16	134	-3.9	4.2	1.1	3	J
22	457	11.8	70	J	6.4	13	200	-3.8	-1.3	1.0	5	J
23	453	7.7	55	J	8.0	11	223	-5.4	-4.9	1.9	2	J
24	451	7.7	67	J	7.7	23	208	-5.9	-2.9	3.1	2	J
					AUG. 11, 1993 (223)							
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21	402	6.4	72	J	5.6	13	162	-4.6	1.7	0.9	2	J
22	393	6.3	78	J	4.9	14	175	-4.3	0.5	1.0	2	J
23	394	6.0	71	J	5.1	6	171	-4.6	0.8	0.4	2	J
24	388	6.1	97	J	5.1	5	180	-4.9	0.1	0.4	1	J
					AUG. 12, 1993 (224)							
1	393	5.4	57	J	4.8	11	172	-4.4	0.7	0.8	1	J
2	401	6.8	34	J	5.4	29	115	-1.6	3.6	1.4	3	J
3	396	7.5	51	J	5.8	23	160	-4.8	2.1	1.7	2	J
4	392	6.7	55	J	5.6	25	185	-5.0	0.2	2.4	1	J
5	398	6.0	30	J	4.6	-30	118	-1.4	2.0	-2.5	3	J
6	404	6.3	17	J	5.2	-23	78	0.9	3.4	-3.4	1	J
7	392	6.9	21	J	5.5	-16	104	-1.0	3.3	-2.8	3	J
8	379	6.5	25	J	5.5	1	106	-1.3	4.1	-1.9	3	J
9	390	5.5	30	J	5.1	1	118	-2.1	3.5	-1.8	2	J
10	392	6.0	50	J	5.3	2	136	-3.4	2.9	-1.5	2	J
11	392	6.3	39	J	5.6	-14	132	-3.1	2.4	-2.7	3	J
12	385	6.2	22	J	5.0	-11	108	-1.2	2.9	-2.6	3	J
13	383	6.4	22	J	5.2	24	115	-1.9	4.5	-0.3	2	J
14	389	7.4	23	J	5.7	1	107	-1.5	4.3	-2.2	3	J
15	394	7.3	20	J	5.3	-6	98	-0.6	3.9	-2.4	3	J
16	405	7.4	18	J	5.3	19	78	1.0	4.9	-0.3	2	J
17	403	7.7	13	J	5.6	25	93	-0.3	5.3	0.5	2	J
18	400	7.4	17	J	5.7	17	106	-1.5	5.5	0.1	0	J
19												
20												
21												
22												
23	386	10.3	15	J	5.4	-6	40	3.2	2.6	-0.8	3	J
24	380	9.9	18	J	4.7	-26	109	-1.2	3.2	-2.2	3	J
					AUG. 13, 1993 (225)							
1	370	9.3	21	J	5.0	4	140	-2.9	2.4	-0.1	3	J
2	378	9.1	20	J	4.8	17	116	-1.6	3.5	0.5	3	J
3	368	8.9	25	J	4.9	-20	132	-2.8	2.7	-2.2	2	J
4	373	9.0	43	J	5.0	6	144	-3.6	2.7	-0.2	2	J
5	394	10.4	34	J	4.7	-9	115	-1.5	2.8	-1.5	3	J
6	389	8.0	43	J	5.6	22	130	-3.1	4.1	0.5	2	J
7	378	9.1	53	J	5.6	20	163	-4.9	2.1	1.1	1	J
8	386	9.6	29	J	5.3	22	195	-4.7	-0.3	2.3	1	J
9	388	9.7	24	J	5.1	19	217	-3.7	-1.7	2.7	2	J
10	389	11.5	22	J	4.1	21	197	-3.4	-0.2	1.7	2	J
11	382	14.4	17	J	2.6	-6	214	-2.0	-1.3	0.5	1	J
12	380	10.6	13	J	3.4	-17	216	-2.6	-2.1	0.1	1	J
13	384	11.1	15	J	3.6	-12	209	-3.1	-1.9	0.2	1	J
14	379	10.6	15	J	3.5	-17	201	-3.0	-1.5	-0.3	1	J
15	375	10.6	14	J	3.9	-25	190	-3.3	-1.2	-1.2	1	J
16					3.3	-65	259	-0.3	-2.3	-2.2	1	J
17	383	8.0	25	J	3.6	-10	210	-2.9	-1.8	0.0	1	J
18	380	9.9	13	J	3.2	30	175	-2.7	0.7	1.4	1	J
19					3.1	9	191	-3.0	-0.5	0.6	0	J
20					3.0	6	193	-2.9	-0.6	0.4	1	J
21	375	10.5	17	J	3.1	-3	197	-3.0	-0.9	0.0	1	J
22					3.7	-2	192	-3.6	-0.8	0.0	0	J
23					3.8	3	203	-3.5	-1.4	0.4	0	J
24												
					AUG. 14, 1993 (226)							
1												
2	383	8.0	10	J	5.0	19	194	-4.6	-0.8	1.8	0	J
3					5.0	15	190	-4.8	-0.5	1.4	0	J
4					5.3	12	187	-5.1	-0.3	1.2	0	J
5					5.6	15	190	-5.3	-0.4	1.7	0	J
6												
7	362	9.7	18	J	4.3	36	323	2.8	-0.9	3.2	1	J
8	363	9.8	13	J	4.6	51	272	0.1	-0.5	2.4	4	J
9	356	9.9	15	J	4.6	18	228	-2.9	-2.1	2.7	1	J
10	352	9.4	16	J	5.0	19	226	-3.2	-2.1	3.0	1	J
11	349	8.6	17	J	5.6	26	232	-3.0	-2.1	4.1	1	J
12	352	7.8	17	J	6.3	11	238	-2.9	-3.5	3.3	3	J
13	351	7.8	14	J	6.7	13	244	-2.8	-4.3	4.2	2	J
14	343	8.1	20	J	6.8	22	233	-3.7	-3.2	4.6	1	J
15	334	8.1	24	J	6.8	27	229	-4.0	-2.8	4.8	1	J
16	337	9.8	20	J	6.4	30	229	-3.6	-2.6	4.5	1	J
17	335	10.0	11	J	6.1	38	230	-3.1	-2.2	4.8	1	J
18	332	9.6	11	J	5.5	25	233	-2.9	-3.0	3.2	2	J
19	336	10.6	14	J	5.1	31	243	-1.9	-3.0	3.3	2	J
20	331	8.9	16	J	5.7	24	241	-2.2	-3.5	2.8	3	J
21	341	11.7	19	J	4.6	29	262	-0.6	-3.6	2.8	1	J
22	341	12.3	20	J	4.3	39	254	-0.9	-2.7	3.0	2	J
23	346	15.8	24	J	2.2	22	234	-1.1	-1.5	1.0	1	J
24	344	16.3	20	J	2.2	22	226	-1.4	-1.3	1.0	1	J
					AUG. 15, 1993 (227)							
1												
2	339	16.4	16	J	2.3	6	202	-2.1	-0.8	0.4	1	J
3												
4												
5	330	18.4	27	J	4.1	65	193	-1.6	0.8	3.6	1	J
6					4.7	88	148	-0.1	1.8	4.2	1	J
7					7.9	47	154	-4.8	4.5	4.3	2	J
8					9.2	42	155	-6.2	5.4	4.2	0	J
9					11.6	44	147	-6.9	7.8	4.8	1	J
10					10.8	43	148	-6.6	7.2	4.2	2	J
11					10.2	29	148	-7.4	6.5	1.8	2	J
12					9.3	4	130	-5.5	5.9	-2.9	4	J
13					9.1	9	138	-6.4	5.7	-1.7	3	J
14					8.9	14	138	-6.0	5.7	-0.8	3	J
15					8.7	-14	133	-5.4	4.4	-4.3	3	J
16					17.0	10	137	-11.2	10.7	-1.6	7	J
17					17.3	22	149	-10.5	7.6	2.5	11	J
18					16.4	0	122	-8.4	12.9	-3.9	4	J
19					15.7	9	137	-10.8	10.4	-0.1	5	J
20												
21												
22												
23												
24												
					AUG. 16, 1993 (228)							
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16	684	9.6	427	J	10.8	4	148	-6.9	4.2	-1.2	7	J
17	690	7.8	330	J	9.6	11	191	-6.6	-0.7	1.7	7	J
18	716	7.1	306	J	10.4	-20	130	-4.7	4.6	-4.2	7	J
19	700	7.3	260	J	10.6	-14	153	-6.7	2.9	-2.7	7	J
20	733	7.0	334	J	8.9	-16	129	-4.0	4.5	-2.8	6	J
21	714	6.5	224	J	8.4	-42	162	-5.3	0.9	-5.2	4	J
22	731	4.7	246	J	8.7	-36	168	-6.3	0.7	-4.8	3	J
23	738	3.7	261	J	8.6	-38	164	-6.2	1.1	-5.2	3	J
24	764	3.1	243	J	8.3	-54	194	-3.9	-1.8	-5.4	5	J
					AUG. 17, 1993 (229)							
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	678	2.6	69	J	8.1	37	194	-6.0	0.7	4.9	2	J
16	698	3.2	107	J	7.7	53	188	-4.5	1.8	5.7	2	J
17	703	3.5	198	J	7.2	54	201	-3.3	0.5	5.0	4	J
18	690	3.5	181	J	7.4	53	196	-3.8	0.5	5.3	4	J
19	695	3.5	181	J	7.4	46	184	-4.8	0.9	4.9	3	J
20					7.7	51	206	-4.1	-0.8	6.0	3	J
21												
22	666	5.0	328	J	6.4	45	177	-3.8	0.8	3.7	3	J
23	684	5.0	187	J	6.9	50	95	-0.3	4.2	3.7	4	J
24	708	5.1	160	J	6.8	35	51	3.4	4.7	3.1	1	J

93-08-18 - 93-08-29

AUG. 18, 1993 (230)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12	638	3.6	89	J	5.3	0	118	-2.2	3.5	-2.1	3	J	
13	606	4.2	101	J	5.2	-27	172	-4.0	-0.6	-2.0	3	J	
14	619	3.3	65	J	5.1	-33	181	-3.9	-1.3	-2.2	2	J	
15	629	3.4	67	J	5.1	7	113	-1.6	3.6	-1.2	3	J	
16	620	3.4	66	J	5.1	-5	164	-3.2	0.7	-0.6	4	J	
17	611	3.3	83	J	4.9	-30	158	-3.5	0.5	-2.5	2	J	
18	602	3.5	108	J									
19													
20													
21													
22													
23													
24													

AUG. 23, 1993 (235)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7					5.3	-56	348	2.6	-2.2	-3.3	3	J	
8					4.3	-56	338	1.9	-2.1	-2.3	2	J	
9					4.2	-46	345	2.5	-1.9	-2.0	2	J	
10					5.2	-52	357	3.0	-2.1	-3.1	2	J	
11					5.8	-62	358	2.7	-2.8	-4.2	1	J	
12					4.8	-12	11	3.7	0.2	-1.1	3	J	
13					4.6	10	15	3.9	1.3	0.1	2	J	
14					3.9	12	17	3.2	1.2	0.1	2	J	
15													
16													
17													
18													
19													
20					10.4	0	15	9.9	2.6	-0.6	2	J	
21					9.3	7	13	8.4	2.1	0.7	3	J	
22					7.7	-2	4	6.5	0.4	-0.3	4	J	
23					7.3	34	3	5.1	0.8	3.3	4	J	
24					9.7	70	33	2.6	3.1	8.1	3	J	

AUG. 24, 1993 (236)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1					9.0	49	335	3.9	-0.9	5.2	5	J	
2					7.4	36	313	3.5	-2.8	4.4	3	J	
3	330	14.5	17	J	6.9	17	308	3.4	-3.8	2.8	3	J	
4	329	14.5	21	J	6.6	3	305	3.4	-4.5	1.7	2	J	
5	335	16.2	22	J	6.8	-4	297	2.9	-5.4	1.5	2	J	
6	337	19.3	22	J	6.6	-5	303	3.0	-4.5	1.4	3	J	
7	346	23.3	30	J	6.7	12	306	3.0	-3.2	2.8	4	J	
8	354	24.2	34	J	7.5	29	319	4.0	-1.6	4.2	5	J	
9	341	25.4	28	J	6.9	-18	345	6.1	-2.4	-0.9	2	J	
10	333	24.3	21	J	7.2	-2	353	6.3	-0.8	0.2	3	J	
11	339	22.4	24	J	5.5	-16	131	-0.8	0.6	-0.7	5	J	
12	336	17.0	17	J	6.8	20	246	-2.3	-3.2	4.5	3	J	
13	336	13.4	47	J	7.0	-8	326	4.9	-3.3	1.0	4	J	
14	359	8.9	74	J	6.2	-2	313	3.9	-3.7	1.9	2	J	
15	363	9.0	83	J	4.9	27	297	1.3	-1.6	2.5	4	J	
16	360	10.1	57	J	4.4	8	268	-0.1	-3.1	2.0	2	J	
17	356	11.0	56	J	5.3	45	289	1.1	-1.7	4.2	2	J	
18													
19													
20													
21	376	13.0	47	J	4.4	22	263	-0.2	-1.8	1.2	4	J	
22	374	11.2	59	J	6.1	-21	314	3.8	-4.3	-1.4	2	J	
23	387	10.2	63	J	6.9	-9	313	4.5	-4.9	-0.2	1	J	
24	373	10.0	46	J	7.0	-16	330	5.7	-3.6	-1.3	1	J	

AUG. 25, 1993 (237)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	373	12.2	55	J	3.9	18	239	-0.8	-1.2	0.7	4	J	
2	380	11.3	31	J	5.4	40	162	-3.8	1.9	3.0	1	J	
3	376	11.3	25	J	5.5	46	136	-2.7	3.5	3.1	1	J	
4	376	12.2	30	J	4.7	45	198	-2.4	0.0	2.6	3	J	
5	377	12.0	28	J	4.6	47	173	-2.9	1.4	2.8	2	J	
6	375	12.0	28	J	5.0	44	173	-3.4	1.7	2.9	1	J	
7	373	11.7	27	J	4.9	47	155	-2.9	2.7	2.5	1	J	
8	366	11.1	34	J	5.0	78	231	-0.5	1.2	3.3	4	J	
9	361	10.7	37	J	5.3	-14	305	2.4	-3.5	0.9	3	J	
10	362	10.0	42	J	4.3	-35	312	1.9	-2.8	-0.6	3	J	
11	365	9.7	37	J	4.6	10	305	2.3	-2.4	2.4	2	J	
12	364	9.6	32	J	5.0	7	299	1.9	-2.6	2.2	3	J	
13	362	8.5	31	J	4.8	-14	295	1.9	-4.0	1.2	1	J	
14	355	8.4	44	J	3.7	-2	319	2.4	-1.9	1.0	2	J	
15	354	9.1	45	J	3.8	10	308	1.9	-1.9	1.6	2	J	
16	360	9.0	33	J	3.1	32	286	0.6	-1.3	2.1	2	J	
17	352	9.5	32	J	3.9	-12	290	1.2	-3.4	0.5	2	J	
18	356	9.4	39	J	3.8	9	211	-2.6	-1.3	1.0	2	J	
19	351	9.4	33	J	3.9	71	203	-1.0	0.4	3.0	2	J	
20	339	10.9	24	J	4.0	71	77	0.3	2.0	3.2	1	J	
21	335	11.2	12	J	4.8	77	321	0.8	0.2	4.6	1	J	
22													
23													
24													

AUG. 26, 1993 (238)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2	340	14.3	10	J	3.0	-28	220	-1.3	-1.2	-0.6	2	J	
3	332	15.2	11	J	3.1	18	286	0.7	-2.1	1.4	2	J	
4	330	16.7	9	J	3.6	56	14	1.7	1.2	2.3	2	J	
5	326	17.4	13	J	4.5	50	16	2.5	1.8	2.7	2	J	
6	327	16.6	14	J	6.0	17	294	2.1	-3.8	3.4	3	J	
7	324	18.9	14	J	5.6	-23	270	0.0	-4.8	0.3	3	J	
8	326	13.9	26	J	5.7	71	16	0.8	1.4	2.0	5	J	
9	334	15.8	22	J	4.6	46	119	-1.3	3.5	1.2	3	J	
10	336	13.1	14	J	5.3	34	128	-2.7	4.4	0.6	1	J	
11	333	10.6	24	J	5.0	27	145	-3.3	3.0	0.5	2	J	
12	333	11.6	35	J	4.6	-51	170	-2.6	-1.4	-3.0	2	J	
13	345	12.6	21	J	4.9	-33	178	-3.9	-1.2	-2.2	1	J	
14	341	12.5	26	J	4.6	-38	143	-2.5	0.4	-3.1	2	J	
15	335	17.0	13	J	3.1	-60	132	-0.7	-0.2	-1.9	2	J	
16	329	21.2	7	J	2.3	20	194	-2.0	-0.1	0.9	1	J	
17	327	23.5	7	J	2.0	14	177	-1.8	0.3	0.4	0	J	
18	325	24.5	10	J	1.6	25	154	-1.2	0.8	0.4	1	J	
19	320	22.9	11	J	2.5	-14	131	-1.5	1.5	-1.0	1	J	
20	322	19.9	10	J	4.3	-26	150	-3.0	1.3	-2.0	2	J	
21	337	16.2	20	J	5.3	24	135	-3.0	3.4	1.3	3	J	
22	345	13.5	25	J	5.4	57	122	-1.5	3.2	3.9	2	J	
23													
24													

AUG. 27, 1993 (239)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7													
8	350	12.5	21	J	6.2	-33	29	4.5	0.6	-4.2	1	J	
9					8.6	-18	57	4.4	4.4	-5.8	1	J	
10	358	17.0	66	J	6.9	-13	111	-1.3	2.4	-2.5	6	J	
11	371	18.5	84	J	8.1	-32	111	-1.1	1.3	-3.1	7	J	
12	396	19.8	64	J	10.6	0	69	3.5	7.7	-5.0	4	J	
13	392	21.2	41	J	12.6	-5	82	1.7	9.6	-7.2	4	J	
14	392	24.6	31	J	13.1	24	87	0.6	12.6	-1.4	3	J	
15	391	22.9	37	J	13.9	-21	88	0.4	8.7	-10.0	4	J	
16	397	25.5	47	J	13.2	-59	73	1.9	1.0	-12.7	3	J	
17	396	38.1	28	J	12.9	-57	61	2.9	1.4	-10.6	7	J	
18	392	23.4	18	J	17.1	-56	284	2.2	-12.5	-9.7	6	J	
19	385	20.4	20	J	18.0	-27	274	1.1	-17.2	-3.4	4	J	
20	383	18.4	19	J	18.0	-18	275	1.5	-17.9	-1.4	1	J	
21	373	14.8	24	J	17.9	-8	273	0.9	-17.8	1.1	1	J	
22	366	16.1	25	J	17.3	-4	273	0.9	-17.1	1.9	2	J	
23	361	19.3	42	J	16.0	31	249	-4.7	-10.7	9.9	5	J	
24	359	5.3	52	J	16.3	27	263	-1.8	-12.9	9.9	1	J	

AUG. 28, 1993 (240)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12	417	10.9	171	J	12.0	-56	319	4.4	-7.9	-5.1	6	J	
13	405	10.9	176	J	12.8	-20	301	5.4	-9.6	1.5	6	J	
14	424	11.6	178	J	12.5	5	283	2.5	-9.0	6.4	5	J	
15	428	9.4	164	J	14.0	11	283	2.9	-9.9	8.1	5	J	
16	443	7.4	235	J	13.3	0	295	5.5	-10.6	5.0	3	J	
17	458	7.8	306	J	12.1	-9	297	4.8	-9.4	2.0	5	J	
18	466	8.3	354	J	10.5	-17	309	4.7	-6.2	-0.3	7	J	
19	468	6.9	326	J	10.3	-9	300	4.5	-8.0	0.8	5	J	
20	465	5.7	325	J	10.1	6	305	5.3	-7.1	2.7	4	J	
21	473	4.9	219	J	10.0	-13	307	5.0	-6.9	-0.5	5	J	
22	470	4.9	187	J	10.4	-18	308	5.8	-7.9	-1.7	3	J	
23					10.6	-13	292	3.8	-9.6	-0.6	2	J	
24					10.0	-15	339	8.7	-3.8	-1.9	2	J	

AUG. 29, 1993 (241)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18	477	4.4	158	J	5.9	-8	322	4.0	-3.2	0.4	3	J	
19	509	3.7	68	J	5.5	18	282	1.0	-4.3	3.0	2	J	
20	512	3.7	66	J	5.3	23	277	0.6	-4.0	3.0	2	J	
21	508	3.8	94	J	4.9	22	286	1.0	-3.1	2.1	3	J	
22	493	3.5	140	J	4.7	-40	21	3.0	0.6	-2.9	2	J	
23	498	3.5	131	J	4.7	-49	2	2.5	-0.4	-2.8	3	J	
24													

93-08-30 - 93-09-10

AUG. 30, 1993 (242)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4	481	4.2	151	J	4.2	-21	271	0.1	-3.9	-0.2	2	J
5	485	4.3	119	J	4.4	-4	236	-1.8	-2.5	0.8	3	J
6	492	4.6	80	J	4.9	-28	203	-3.7	-2.3	-1.3	2	J
7	473	4.6	93	J	4.0	-12	250	-0.9	-2.6	0.7	3	J
8	462	4.4	89	J	3.7	0	275	0.3	-2.8	1.6	2	J
9	459	4.3	91	J	3.4	-8	273	0.1	-2.6	1.1	2	J
10	453	4.2	72	J	4.2	10	274	0.2	-2.6	2.4	2	J
11	451	4.2	77	J	4.3	15	266	-0.2	-2.3	2.6	3	J
12												
13												
14												
15												
16					5.3	3	312	3.5	-3.4	1.9	0	J
17					5.0	12	338	3.9	-1.1	1.4	3	J
18					5.1	24	27	3.3	2.1	1.0	3	J
19					5.4	11	359	5.2	0.2	1.0	1	J
20												
21												
22					5.3	24	273	0.2	-2.7	1.9	4	J
23												
24												

AUG. 31, 1993 (243)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	374	10.0	47	J								
16												
17												
18												
19												
20												
21												
22												
23												
24												

SEP. 5, 1993 (248)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21	555	5.9	98	J	4.5	-28	41	2.8	1.9	-2.5	2	J
22	542	6.1	77	J	4.7	-4	60	2.2	3.7	-1.1	2	J
23												
24					4.2	-11	340	3.9	-1.5	-0.5	0	J

SEP. 6, 1993 (249)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	551	5.3	67	J	4.4	-7	332	3.6	-2.0	-0.1	2	J
2	539	5.7	87	J	4.4	4	171	-3.2	0.5	0.1	3	J
3	519	5.2	62	J	3.1	-35	121	-0.5	0.6	-0.8	3	J
4	518	5.1	41	J	3.4	3	59	1.4	2.2	-0.6	2	J
5	507	5.1	39	J	3.0	33	89	0.0	2.4	0.4	2	J
6	483	5.5	79	J	3.6	21	163	-2.9	1.3	0.7	1	J
7	494	5.8	49	J	3.9	41	137	-2.0	2.7	1.2	2	J
8	503	6.2	43	J	4.2	6	84	0.3	2.7	-1.2	3	J
9	489	6.1	49	J	4.1	44	111	-0.8	2.8	0.7	3	J
10	493	6.4	44	J	4.0	39	102	-0.6	3.6	0.4	1	J
11	499	6.2	42	J	4.3	-15	57	2.2	2.2	-2.7	1	J
12	487	6.6	52	J	3.5	4	77	0.7	2.6	-1.5	2	J
13	479	6.3	61	J	3.8	2	108	-0.6	1.6	-0.9	3	J
14	498	5.7	54	J	4.3	-8	25	3.6	1.1	-1.3	1	J
15	488	6.0	47	J	4.0	-9	33	3.2	1.5	-1.5	1	J
16	497	5.7	42	J	3.4	-7	45	2.1	1.7	-1.3	2	J
17	491	5.3	55	J	3.5	-14	54	1.7	1.8	-1.5	2	J
18	475	4.8	46	J	3.7	-8	109	-1.0	2.6	-1.4	2	J
19	469	4.6	60	J	4.2	6	129	-2.3	2.8	-0.5	2	J
20												
21												
22	445	5.7	25	J	4.4	-30	118	-1.6	2.5	-2.5	2	J
23	444	4.9	56	J	4.3	-4	152	-3.3	1.6	-0.6	2	J
24	470	6.2	28	J	4.5	-24	43	2.9	2.3	-2.3	1	J

SEP. 7, 1993 (250)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	449	5.6	66	J	4.4	-9	83	0.3	2.3	-0.9	4	J
2	473	5.7	21	J	4.8	-13	42	3.5	2.8	-1.8	1	J
3	473	7.0	45	J	4.8	-1	38	3.6	2.7	-0.9	1	J
4	472	7.9	95	J	4.8	-9	44	3.3	2.8	-1.8	1	J
5	457	6.3	37	J	4.4	-14	61	1.8	2.6	-2.1	2	J
6	428	6.1	101	J	4.3	10	156	-3.7	1.8	-0.1	2	J
7	443	5.5	70	J	4.9	6	153	-3.9	2.0	-0.5	2	J
8	441	6.0	70	J	4.8	1	152	-4.1	1.9	-1.0	1	J
9	432	5.6	92	J	4.4	1	174	-4.1	0.4	-0.2	1	J
10	420	6.4	145	J	4.3	4	172	-4.1	0.6	-0.1	1	J
11	410	7.0	172	J	4.1	6	171	-3.8	0.7	0.0	1	J
12	411	6.7	89	J	4.1	5	160	-3.7	1.3	-0.5	1	J
13	409	5.7	67	J	3.9	2	159	-3.5	1.2	-0.6	1	J
14	414	5.8	37	J	3.8	-10	154	-3.0	0.9	-1.3	2	J
15	413	6.2	36	J	4.3	14	167	-3.5	1.1	0.4	2	J
16	411	6.7	43	J	4.8	25	155	-3.4	2.2	0.9	2	J
17	407	5.9	28	J	5.0	14	164	-4.7	1.7	0.6	1	J
18	403	6.1	35	J	5.0	13	168	-4.8	1.3	0.7	1	J
19	398	6.4	44	J	5.3	8	165	-5.0	1.5	0.3	1	J
20	400	6.3	46	J	5.2	3	157	-4.4	1.9	-0.2	2	J
21	406	6.9	37	J	4.6	-24	108	-0.9	2.5	-1.9	3	J
22	403	7.2	35	J	4.7	20	119	-1.0	1.9	0.4	4	J
23	396	7.3	37	J	5.0	10	129	-2.9	3.6	0.1	2	J
24												

SEP. 8, 1993 (251)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8	369	7.5	19	J	4.0	-24	172	-3.3	-0.4	-1.5	1	J
9	372	8.3	32	J	4.2	-41	169	-2.9	-0.9	-2.5	2	J
10	371	8.1	25	J	4.2	-29	178	-3.4	-1.0	-1.6	2	J
11	370	8.3	23	J	4.2	-20	188	-3.5	-1.1	-0.8	2	J
12	370	8.1	23	J	4.1	-23	176	-3.1	-0.6	-1.2	2	J
13	370	8.0	20	J	4.2	16	199	-3.4	-0.4	1.5	2	J
14	369	8.0	21	J	4.3	19	198	-3.6	-0.3	1.7	1	J
15	368	7.5	22	J	4.1	0	180	-3.9	0.0	0.0	1	J
16	368	8.5	21	J	4.5	-19	190	-3.9	-1.2	-0.9	1	J
17	369	8.3	27	J	4.3	-15	180	-3.9	-0.4	-1.0	1	J
18	365	8.7	28	J	4.9	-15	154	-4.0	1.4	-1.8	1	J
19	370	8.8	24	J	4.9	1	152	-4.0	2.0	-0.6	2	J
20	364	8.3	31	J	4.5	-19	181	-3.9	-0.4	-1.3	2	J
21	361	8.7	39	J	4.6	-14	169	-4.1	0.5	-1.2	1	J
22	362	8.5	37	J	4.1	-18	148	-2.8	1.5	-1.4	2	J
23	361	8.4	26	J	4.1	-27	156	-3.3	1.1	-2.1	1	J
24												

SEP. 9, 1993 (252)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6	351	9.2	14	J	4.6	6	111	-1.6	4.0	-1.4	1	J
7	344	9.1	28	J	4.7	23	141	-2.9	2.9	0.3	2	J
8	341	9.0	23	J	4.5	23	136	-2.4	2.8	0.0	3	J
9	344	9.3	12	J	4.4	11	91	-0.1	4.0	-1.6	1	J
10	351	12.2	40	J	4.3	6	92	-0.1	3.6	-1.9	1	J
11	330	9.6	9	J	4.3	19	123	-2.1	3.4	-0.7	2	J
12	325	10.4	16	J	3.9	-16	82	0.5	2.2	-2.7	2	J
13	352	15.2	45	J	4.3	-2	77	0.9	3.3	-2.4	1	J
14	331	11.3	11	J	4.4	7	109	-1.4	3.8	-1.7	1	J
15	333	11.3	10	J	4.5	12	122	-2.3	3.6	-1.0	1	J
16												
17												
18												
19												
20												
21												
22												
23												
24												

SEP. 10, 1993 (253)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9					4.8	12	134	-3.3	3.4	-1.0	1	J
10	327	15.8	13	J	5.0	14	138	-3.5	3.3	-0.8	1	J
11	323	14.6	16	J	5.3	8	151	-4.3	2.4	-0.8	2	J
12	324	14.3	12	J	5.5	7	124	-2.8	3.8	-1.8	2	J
13	318	13.7	10	J	5.6	4	117	-2.5	4.3	-2.4	1	J
14	330	14.9	11	J	5.3	-15	59	2.5	2.9	-3.3	2	J
15	315	14.9	11	J	5.1	-8	99	-0.8	3.9	-3.0	1	J
16	313	13.4	13	J	5.5	15	126	-3.0	4.2	-0.6	2	J
17	311	12.1	12	J	5.5	27	144	-3.9	3.6	1.1	1	J
18	306	13.5	15	J	4.9	0	137	-3.5	3.1	-1.1	1	J
19	305	13.1	17	J	5.2	1	154	-4.6	2.2	-0.6	1	J
20	303	12.3	10	J	5.3	12	159	-4.8	2.1	0.6	1	J
21	302	13.4	12	J	5.3	17	177	-5.0	0.6	1.4	1	J
22	303	16.3	16	J	5.1	-14	196	-4.7	-1.6	-0.9	1	J
23												
24												

SEP. 11, 1993 (254)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	282	10.7	21	J	2.2	11	193	-2.0	-0.2	0.6	1	J
15	280	8.9	24	J	2.9	14	198	-2.4	-0.4	0.9	1	J
16	281	10.9	27	J	3.1	10	164	-2.7	0.9	0.1	2	J
17	285	9.8	19	J	2.8	-5	112	-0.7	1.6	-0.9	2	J
18					4.8	-5	86	0.2	3.2	-1.5	3	J
19	308	17.0	10	J	6.8	-3	119	-3.0	5.1	-1.9	3	J
20	302	18.3	9	J	6.5	-10	117	-2.7	4.8	-2.4	2	J
21	297	17.1	10	J	6.5	-5	125	-3.7	5.0	-1.7	1	J
22					6.7	-7	127	-3.9	4.9	-1.9	1	J
23												
24												

SEP. 12, 1993 (255)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22	373	32.7	23	J								
23	381	31.9	29	J								
24	374	39.3	21	J								

SEP. 18, 1993 (261)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6	368	11.3	32	J								
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17	339	9.9	31	J								
18												
19	337	9.8	25	J	6.1	10	180	-5.9	0.3	1.0	1	J
20	335	9.1	24	J	5.5	2	174	-5.5	0.6	0.0	1	J
21	332	7.8	15	J	5.1	0	173	-5.0	0.6	-0.1	1	J
22	331	9.2	16	J	5.2	7	167	-4.7	1.2	0.3	2	J
23	334	9.5	19	J	4.9	8	150	-4.0	2.4	0.2	1	J
24	330	8.6	18	J	4.6	0	154	-4.0	1.9	-0.4	1	J

SEP. 19, 1993 (262)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	327	8.8	20	J	4.7	-8	148	-3.6	2.1	-1.1	2	J
2	330	9.2	14	J	5.2	-1	109	-1.6	4.5	-1.3	1	J
3	337	8.6	14	J	4.6	7	73	1.3	4.1	-0.7	1	J
4	333	8.4	16	J	4.5	15	64	1.8	3.9	-0.3	1	J
5	336	8.6	8	J	4.9	-4	63	2.2	3.8	-2.0	1	J
6	336	8.3	10	J	5.0	7	58	2.6	4.0	-1.3	1	J
7	334	8.3	7	J	4.8	-7	73	1.3	3.5	-2.6	1	J
8	327	8.1	8	J	4.4	-8	89	0.1	3.2	-2.7	1	J
9	313	8.7	18	J	4.5	7	124	-2.3	3.1	-1.4	2	J
10	306	8.1	20	J	3.9	6	144	-2.9	1.9	-0.9	2	J
11	305	8.5	19	J	3.9	6	201	-3.6	-0.9	1.1	1	J
12	304	8.3	13	J	3.9	15	178	-3.5	0.6	0.7	2	J
13	308	7.9	15	J	3.9	2	162	-3.2	0.9	-0.5	2	J
14	302	7.6	10	J	3.8	-4	145	-2.9	1.6	-1.3	1	J
15	302	8.1	10	J	3.9	-12	145	-2.8	1.4	-1.6	1	J
16	303	7.9	10	J	4.1	2	164	-3.7	1.0	-0.4	1	J
17	301	8.2	13	J	4.1	-1	172	-3.9	0.5	-0.3	1	J
18	300	8.9	10	J	4.4	-9	137	-3.0	2.4	-1.6	2	J
19	296	9.0	11	J	4.3	-8	143	-3.2	2.2	-1.3	1	J
20	299	10.3	11	J	4.7	-4	140	-3.4	2.7	-1.1	1	J
21	302	11.9	10	J	5.0	-3	126	-2.8	3.6	-1.1	2	J
22	303	12.5	12	J	4.7	-1	134	-3.0	3.0	-0.7	2	J
23	299	11.6	11	J	4.5	-1	156	-3.7	1.6	-0.4	2	J
24	293	10.8	11	J	4.4	-4	166	-4.2	0.9	-0.5	1	J

SEP. 20, 1993 (263)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	292	9.5	10	J	4.2	-2	153	-3.7	1.8	-0.6	1	J
2	289	9.4	13	J	4.2	-2	160	-3.9	1.3	-0.5	1	J
3	293	11.5	14	J	4.6	11	160	-4.0	1.6	0.3	2	J
4	309	18.8	19	J	5.2	11	132	-3.2	3.6	-0.4	2	J
5	311	21.7	20	J	5.3	-13	140	-3.7	2.4	-2.2	2	J
6	311	23.0	22	J	4.6	-23	147	-2.7	1.0	-2.0	3	J
7	311	21.7	12	J	5.5	0	120	-2.2	3.3	-1.9	3	J
8	307	21.6	9	J	5.6	12	141	-4.0	3.4	-0.8	2	J
9	316	30.2	19	J	6.4	8	124	-3.0	4.1	-1.8	4	J
10	330	27.3	11	J	8.0	-56	89	0.1	-0.1	-7.5	3	J
11	325	20.1	9	J	10.5	-71	265	-0.3	-8.1	-5.9	3	J
12	330	10.6	4	J	10.5	-72	250	-1.1	-8.2	-6.5	1	J
13	323	9.3	6	J	10.4	-75	243	-1.2	-7.5	-7.0	1	J
14	327	9.9	35	J	9.9	-77	240	-1.1	-6.7	-7.2	1	J
15	335	11.8	59	J	9.9	-76	268	-0.1	-6.8	-7.2	2	J
16	363	12.2	19	J	11.9	-82	294	0.7	-6.5	-9.6	3	J
17	360	19.7	27	J	10.6	-31	81	1.3	5.6	-7.9	4	J
18	353	16.4	40	J	11.3	-78	190	-2.1	-3.9	-9.4	5	J
19	357	19.4	46	J	10.1	-59	244	-1.6	-5.1	-4.9	7	J
20	363	16.8	25	J	11.6	-19	72	3.3	8.9	-6.3	3	J
21	364	19.8	28	J	10.7	-30	63	4.1	6.6	-7.0	2	J
22	361	20.7	32	J	9.3	-38	68	2.7	5.3	-6.9	2	J
23												
24												

SEP. 21, 1993 (264)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2	339	19.5	63	J	6.9	4	112	-2.5	6.1	-1.2	2	J
3	344	19.6	61	J	6.8	40	108	-1.4	5.4	2.4	3	J
4	338	18.4	54	J	7.5	48	150	-4.2	4.2	4.2	2	J
5	338	17.8	50	J	7.8	54	145	-3.7	4.8	4.6	2	J
6	328	19.3	55	J	8.1	20	163	-6.9	3.1	1.4	3	J
7	320	18.5	61	J	8.2	8	181	-8.1	0.4	1.1	1	J
8	321	17.5	65	J	7.3	15	163	-6.6	2.7	0.5	2	J
9	321	17.5	48	J	7.7	31	158	-5.6	3.9	1.8	3	J
10	318	17.3	43	J	7.6	37	154	-5.3	4.7	2.2	2	J
11	317	17.5	44	J	7.4	28	144	-5.3	5.1	0.7	1	J
12	318	17.1	39	J	8.3	44	151	-5.2	5.6	3.1	2	J
13	317	15.4	35	J	8.7	55	169	-4.7	4.6	5.2	2	J
14	317	16.1	43	J	8.3	48	164	-5.3	4.5	4.4	2	J
15	338	26.5	61	J	4.4	20	153	-2.7	1.7	0.3	3	J
16	324	17.6	52	J	8.1	-28	143	-5.0	1.9	-4.7	4	J
17	336	18.1	37	J	7.2	-2	112	-2.3	5.1	-2.5	4	J
18	332	23.6	42	J	5.1	-49	141	-2.0	0.5	-3.4	3	J
19	337	24.4	26	J	6.5	-71	312	1.4	-3.3	-5.2	1	J
20	337	21.6	33	J	7.2	-42	302	2.8	-5.6	-3.4	2	J
21	338	19.9	46	J	7.4	-15	282	1.4	-6.9	-0.2	3	J
22	342	19.0	49	J	7.3	55	296	1.6	-2.1	5.9	3	J
23	348	15.5	44	J	7.6	33	296	2.6	-4.5	5.0	2	J
24	359	12.9	44	J	7.6	-4	312	4.7	-5.2	0.6	3	J

SEP. 22, 1993 (265)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	350	12.6	33	J	7.0	6	300	3.4	-5.5	2.1	2	J
2												
3												
4												
5												
6												
7												
8												
9												
10					2.1	44	88	0.1	2.0	0.3	1	J
11					2.2	56	91	0.0	2.0	0.8	1	J
12												
13												
14												
15												
16												
17												
18												
19												
20												
21	317	7.8	14	J	6.5	82	231	-0.6	0.8	6.4	1	J
22	314	17.2	4	J	6.2	-7	235	-3.5	-5.0	0.3	1	J
23	315	17.3	5	J	5.7	1	226	-3.8	-3.8	0.9	2	J
24	319	18.3	6	J	6.0	4	218	-4.6	-3.5	1.2	1	J

SEP. 23, 1993 (266)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					6.7	-2	217	-5.3	-4.0	0.7	0	J
2	335	17.0	27	J	6.5	-5	216	-5.2	-3.8	0.5	0	J
3	335	16.4	29	J	6.4	-6	221	-4.8	-4.2	0.6	0	J
4					6.3	-10	223	-4.5	-4.3	0.4	0	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	355	41.9	27	J	16.9	-13	259	-3.1	-15.7	5.2	2	J
15	362	51.0	45	J	10.3	18	241	-4.6	-5.7	6.7	4	J
16	360	77.3	57	J	9.7	20	222	-6.6	-3.9	5.6	3	J
17												
18												
19												
20												
21												
22					16.4	-23	146	-12.4	6.8	-8.0	2	J
23	388	51.9	65	J	15.7	-29	56	7.1	8.8	-9.1	6	J
24	371	36.2	79	J	19.1	-6	337	15.0	-6.6	-0.3	10	J

93-09-24 - 93-10-07

SEP. 24, 1993 (267)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	390	35.0	54	J	21.0	9	250	-6.5	-16.6	7.1	9	J
2	399	43.3	28	J	23.5	38	206	-16.1	-3.9	15.5	6	J
3					25.2	45	190	-17.5	2.4	17.9	2	J
4					24.7	50	184	-15.8	5.6	18.1	1	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16	413	19.9	180	J	8.8	-14	308	4.1	-5.5	0.9	6	J
17	401	22.1	229	J	9.8	-17	4	7.2	-0.4	-2.2	7	J
18	396	24.2	310	J	10.0	-33	13	6.9	-0.1	-4.8	5	J
19	423	22.4	132	J	10.9	58	300	2.3	-1.5	8.1	8	J
20	428	20.6	43	J	16.1	82	92	-0.1	5.5	12.9	8	J
21												
22												
23												
24												

SEP. 25, 1993 (268)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19	499	7.4	108	J								
20	493	6.7	100	J								
21	493	6.4	109	J								
22	509	5.6	56	J								
23												
24												

OCT. 1, 1993 (274)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19					5.0	9	105	-0.9	3.4	-0.5	4	J
20					5.7	14	134	-3.1	3.4	0.2	3	J
21												
22					5.7	3	236	-2.5	-3.5	1.0	4	J
23	479	6.0	84	J	5.9	14	194	-5.3	-1.0	1.6	2	J
24	476	5.6	75	J	5.9	9	193	-5.4	-1.0	1.1	2	J

OCT. 2, 1993 (275)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	475	4.2	73	J	5.6	17	182	-5.2	0.2	1.6	2	J
2	480	4.4	84	J	5.1	14	199	-4.6	-1.2	1.6	1	J
3	481	4.2	108	J	5.0	14	186	-4.7	-0.1	1.3	0	J
4												
5												
6												
7												
8					4.1	-10	153	-3.4	1.1	-1.5	1	J
9	449	4.4	48	J	4.6	-17	161	-3.9	0.4	-1.8	1	J
10	447	5.0	50	J	4.8	-26	170	-4.2	-0.6	-2.1	1	J
11	440	4.4	72	J	4.6	-17	160	-4.0	0.5	-1.9	1	J
12	437	4.2	78	J	4.3	-12	156	-3.6	0.9	-1.6	1	J
13	437	5.3	84	J	4.4	-16	159	-3.7	0.6	-1.7	1	J
14	427	5.3	58	J	4.3	-14	153	-3.5	1.0	-1.7	1	J
15	412	5.5	41	J	4.3	-17	155	-3.6	0.9	-1.8	1	J
16	411	6.9	38	J	4.0	-20	140	-2.5	1.4	-2.0	2	J
17	422	10.8	22	J	1.6	4	166	-1.3	0.3	0.0	1	J
18	413	12.1	12	J	2.1	4	161	-1.7	0.6	-0.1	2	J
19	393	7.7	29	J	5.9	-7	135	-4.0	3.6	-1.9	1	J
20	391	9.1	41	J	5.8	2	138	-4.2	3.7	-0.8	1	J
21	378	9.8	63	J	5.9	-6	133	-3.9	4.0	-1.5	1	J
22												
23												
24	405	6.4	20	J	4.6	24	196	-4.0	-0.7	2.0	1	J

OCT. 3, 1993 (276)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	404	6.0	19	J	5.1	24	193	-4.5	-0.5	2.2	1	J
2	401	5.9	29	J	5.4	28	178	-4.7	0.8	2.4	1	J
3	398	5.7	24	J	5.3	38	146	-3.4	3.1	2.4	1	J
4	394	6.6	23	J	5.1	31	123	-2.3	4.3	1.2	1	J
5	390	6.6	36	J	5.2	13	124	-2.8	4.2	-0.6	1	J
6	381	6.5	56	J	5.2	5	135	-3.5	3.4	-1.2	1	J
7	373	6.8	60	J	5.4	-13	139	-3.8	2.3	-2.6	2	J
8	366	7.4	55	J	4.6	-13	148	-3.6	1.4	-2.0	1	J
9	364	7.2	47	J	4.4	10	165	-3.9	1.3	0.0	2	J
10	375	6.3	44	J	3.7	14	214	-2.4	-0.9	1.5	2	J
11	384	5.9	48	J	3.4	35	209	-2.3	0.0	2.2	1	J
12	377	5.3	47	J	3.7	16	153	-2.5	1.5	0.0	2	J
13	376	5.1	32	J	3.9	-22	143	-2.5	0.9	-2.1	2	J
14	378	5.8	28	J	3.1	-16	156	-2.4	0.5	-1.2	2	J
15	378	5.9	31	J	2.9	8	164	-2.4	0.8	0.0	1	J
16	381	5.7	24	J	3.5	-21	126	-1.6	1.6	-2.0	2	J
17	387	5.9	14	J	3.2	-18	17	2.8	0.4	-1.2	1	J
18	386	5.5	10	J	3.8	-2	13	3.7	0.8	-0.4	0	J
19					3.1	-56	139	-1.3	0.3	-2.8	0	J
20	384	7.6	16	J	3.6	-61	73	0.5	0.8	-3.4	1	J
21	380	8.0	13	J	3.0	-54	84	0.2	1.1	-2.7	1	J
22												
23												
24												

OCT. 4, 1993 (277)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7	347	14.3	11	J	2.8	24	148	-1.9	1.5	0.3	2	J
8	346	14.8	11	J	1.7	-3	43	0.9	0.7	-0.5	1	J
9	353	13.6	18	J	3.1	8	177	-2.8	0.3	0.2	1	J
10	353	14.8	15	J	2.8	-4	124	-1.5	1.7	-1.4	1	J
11	355	14.7	13	J	3.4	-12	82	0.5	2.3	-2.4	1	J
12												
13												
14												
15												
16												
17												
18	358	26.1	11	J	2.5	-21	114	-0.8	1.4	-1.3	1	J
19	353	18.1	17	J	5.2	-30	101	-0.8	3.3	-3.6	2	J
20	341	17.0	20	J	5.0	-1	143	-3.7	2.7	-0.8	2	J
21	347	17.0	15	J	4.7	16	132	-2.5	3.0	0.4	3	J
22												
23												
24												

OCT. 5, 1993 (278)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9	339	17.9	13	J	5.8	38	267	-0.2	-1.8	5.4	1	J
10	342	18.5	16	J	4.8	38	276	0.4	-1.3	4.2	2	J
11	351	15.0	23	J	6.5	9	311	4.0	-3.2	3.4	2	J
12	368	17.2	29	J	4.5	42	113	-1.3	4.1	0.8	1	J
13	368	15.1	19	J	5.6	71	284	0.3	1.0	3.8	4	J
14	370	14.6	11	J	6.1	65	250	-0.9	0.7	5.9	1	J
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

OCT. 7, 1993 (280)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18	361	8.1	14	J	7.9	-6	310	5.0	-5.9	1.2	1	J
19	366	8.1	15	J	8.5	34	307	4.0	-3.8	5.8	3	J
20	362	7.5	28	J	8.8	37	323	5.5	-2.7	6.1	1	J
21	367	9.3	13	J	8.9	41	332	5.9	-1.8	6.3	1	J
22	366	10.1	22	J	9.3	31	334	6.6	-2.3	5.0	3	J
23	346	8.9	115	J	8.9	11	333	7.5	-3.4	2.4	2	J
24	371	7.8	45	J	9.5	4	324	7.6	-5.3	1.7	1	J

93-10-08 - 93-10-18

OCT. 8, 1993 (281)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2												
3												
4	350	14.7	52	J	5.5	-19	22	4.6	1.2	-2.2	2	J
5	332	15.7	45	J	5.9	-56	26	2.7	-0.5	-4.6	3	J
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

OCT. 9, 1993 (282)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	353	13.0	189	J								
2	336	18.9	126	J								
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

OCT. 13, 1993 (286)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21					3.8	-29	118	-1.1	1.8	-1.7	3	J
22	478	4.1	33	J	3.6	10	89	0.1	3.1	0.0	2	J
23	467	4.8	47	J	3.9	16	121	-1.6	2.8	0.4	2	J
24	455	4.6	46	J								

OCT. 14, 1993 (287)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	451	4.3	35	J	4.3	-44	104	-0.7	2.1	-3.2	2	J
2	466	4.1	34	J	4.2	-74	63	0.5	0.0	-3.6	2	J
3	460	4.2	42	J	3.5	-36	225	-0.9	-1.1	-0.6	3	J
4	457	4.3	38	J	4.1	-19	230	-2.2	-2.8	-0.3	2	J
5	467	4.8	46	J	4.2	-50	248	-0.8	-2.7	-1.5	3	J
6	462	5.0	41	J	4.2	6	233	-2.0	-2.2	1.4	3	J
7	457	5.2	40	J	3.7	8	235	-1.9	-2.2	1.7	2	J
8	455	5.6	68	J	3.3	-30	188	-1.9	-0.8	-0.8	3	J
9	438	5.4	90	J	3.9	-3	191	-3.5	-0.7	0.2	2	J
10	430	5.5	109	J	4.2	-3	189	-3.6	-0.6	0.2	2	J
11	411	5.7	178	J	4.0	3	179	-3.8	0.2	0.1	1	J
12	424	5.4	107	J	3.9	-18	157	-2.9	0.5	-1.5	2	J
13	435	5.6	94	J	3.6	-39	161	-1.8	-0.3	-1.7	3	J
14	441	5.1	75	J	3.2	29	88	0.1	1.7	0.0	3	J
15	452	4.5	38	J	2.9	-54	72	0.3	0.2	-1.9	2	J
16												
17												
18												
19												
20	410	2.9	62	J	2.7	-12	141	-1.7	1.2	-0.8	2	J
21	403	2.6	28	J	3.2	-17	167	-2.7	0.4	-1.0	1	J
22	381	3.5	29	J	3.4	-20	165	-2.9	0.6	-1.2	1	J
23	373	3.2	39	J	3.7	-25	146	-2.6	1.5	-1.8	1	J
24	377	4.8	30	J	3.1	5	69	1.0	2.6	-0.2	1	J

OCT. 15, 1993 (288)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1					2.8	-3	94	-0.2	2.5	-0.7	1	J
2					3.7	-41	168	-2.7	0.0	-2.4	1	J
3	362	3.7	11	J	2.0	-18	138	-1.2	0.9	-0.8	1	J
4					2.9	15	99	-0.4	2.9	-0.2	0	J
5					3.0	-5	104	-0.7	2.6	-1.3	0	J
6	359	8.7	124	J	2.8	-45	210	-1.5	-1.6	-1.2	1	J
7	375	5.7	22	J	2.8	-9	194	-2.5	-0.7	-0.1	1	J
8	378	5.8	18	J	2.6	54	116	-0.4	1.5	0.7	2	J
9	374	5.9	20	J	2.7	10	211	-1.9	-0.7	0.9	2	J
10	371	6.5	15	J	2.9	-6	206	-2.3	-1.1	0.4	1	J
11	368	5.8	12	J	2.9	-11	136	-1.6	1.1	-1.2	2	J
12	366	7.2	26	J	2.7	-29	126	-1.1	0.7	-1.7	2	J
13	359	9.8	18	J	2.8	27	138	-1.7	1.9	0.2	1	J
14	363	6.6	11	J	3.0	9	140	-2.0	1.7	-0.5	1	J
15	356	6.5	12	J	3.6	0	140	-2.5	1.9	-1.0	2	J
16	351	6.8	14	J	3.9	-2	156	-3.4	1.3	-0.7	1	J
17	353	7.5	13	J	3.8	-6	152	-3.2	1.4	-1.0	1	J
18	353	9.0	11	J	4.0	-15	156	-3.4	1.1	-1.4	1	J
19	346	9.3	14	J	3.7	-7	157	-3.2	1.2	-0.8	1	J
20	333	11.3	4	J	3.9	5	151	-3.2	1.8	-0.1	1	J
21					3.4	4	143	-2.5	1.9	-0.2	1	J
22	331	10.6	5	J	4.0	-9	170	-3.9	0.6	-0.7	1	J
23	320	13.4	8	J	4.2	-8	177	-4.1	0.1	-0.6	1	J
24	318	11.7	7	J	3.9	-1	169	-3.5	0.7	-0.2	1	J

OCT. 16, 1993 (289)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	316	15.5	10	J	4.2	-5	167	-3.4	0.7	-0.5	2	J
2	316	15.1	10	J	4.6	-5	205	-4.1	-1.9	0.1	1	J
3	319	17.8	9	J	3.1	33	154	-2.1	1.4	1.2	1	J
4	325	21.4	12	J	3.9	59	91	0.0	2.6	2.2	2	J
5	322	21.3	10	J	3.8	29	117	-1.1	2.4	0.4	3	J
6	319	21.2	8	J	4.2	12	100	-0.6	3.3	-0.7	3	J
7	316	21.9	12	J	5.8	15	82	0.8	5.4	-1.2	1	J
8	316	18.3	10	J	6.2	13	103	-1.3	5.7	-1.7	1	J
9	325	15.5	14	J	7.5	-9	150	-6.2	2.5	-2.9	1	J
10	332	13.0	18	J	7.0	-21	173	-6.2	-0.7	-2.4	2	J
11	329	10.9	29	J	6.6	-19	167	-6.0	0.0	-2.5	1	J
12	343	8.9	58	J	6.4	-17	177	-6.0	-0.7	-1.7	1	J
13	336	9.1	66	J	5.7	-9	179	-5.6	-0.4	-0.8	1	J
14	333	7.4	37	J	5.3	4	141	-3.4	2.6	-1.1	3	J
15	331	6.9	14	J	6.0	11	96	-0.6	5.5	-1.6	2	J
16	335	7.0	15	J	5.8	3	106	-1.5	4.8	-1.8	2	J
17	334	7.2	15	J	5.6	10	118	-2.5	4.8	-0.8	1	J
18												
19												
20												
21												
22												
23												
24												

OCT. 17, 1993 (290)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17					1.3	-43	199	-0.7	-0.5	-0.6	1	J
18	305	17.0	13	J	3.7	-28	202	-2.7	-1.5	-1.1	2	J
19	309	15.8	15	J	3.3	-13	193	-1.1	-0.3	-0.2	3	J
20	313	18.1	10	J	2.7	-16	116	-1.1	1.9	-1.2	1	J
21												
22												
23												
24												

OCT. 18, 1993 (291)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	326	10.1	8	J	4.9	-68	127	-0.9	-0.9	-3.9	3	J
14					4.7	-57	168	-2.5	-1.4	-3.6	1	J
15												
16					5.3	-40	78	0.8	2.3	-4.7	0	J
17	321	12.1	5	J	5.1	-24	63	2.0	3.0	-3.3	1	J
18	317	13.0	5	J	5.3	-17	68	1.8	3.8	-2.8	2	J
19												
20												
21												
22												
23												
24												

93-10-19 - 93-10-30

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
					OCT. 19, 1993 (292)								
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17					7.1	17	49	4.5	5.5	0.1	1	J	
18	319	15.0	12	J	7.1	19	54	3.8	5.7	0.5	2	J	
19	310	15.1	25	J	5.8	-31	181	-4.7	-0.8	-2.7	2	J	
20	309	14.1	25	J	6.7	-22	176	-6.1	-0.1	-2.5	1	J	
21	310	17.0	27	J	6.1	-14	120	-2.0	3.2	-1.6	5	J	
22	306	17.9	14	J	6.1	6	71	2.0	5.8	-0.3	1	J	
23	304	16.5	12	J	6.1	10	64	2.6	5.4	0.2	1	J	
24													
					OCT. 20, 1993 (293)								
1													
2													
3	296	13.1	23	J	4.0	16	104	-0.9	3.6	0.1	2	J	
4	297	13.6	24	J	4.4	17	89	0.1	4.0	-0.1	2	J	
5	297	12.2	25	J	4.3	61	56	0.9	2.4	2.3	3	J	
6	293	11.6	29	J	4.0	7	123	-2.1	3.2	-0.9	1	J	
7	294	12.0	20	J	4.4	3	91	-0.1	3.6	-1.6	2	J	
8					5.0	12	80	0.8	4.3	-1.4	2	J	
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
					OCT. 25, 1993 (298)								
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23	444	42.0	22	J									
24	440	28.2	40	J									
					OCT. 26, 1993 (299)								
1													
2	407	20.0	48	J									
3	409	15.7	48	J									
4	409	14.9	57	J									
5	402	12.4	43	J									
6													
7													
8													
9													
10					5.1	-45	166	-3.0	-1.0	-3.0	2	J	
11					4.8	-19	219	-2.8	-2.6	0.1	3	J	
12					5.1	-5	240	-2.3	-3.7	1.7	2	J	
13					4.7	9	252	-1.3	-3.2	2.6	2	J	
14					5.7	9	244	-2.4	-3.9	3.0	2	J	
15					6.4	-49	234	-1.9	-3.8	-2.2	4	J	
16	406	16.2	66	J	7.7	-84	48	0.5	-2.1	-6.6	4	J	
17	405	15.8	59	J	9.0	-63	49	2.3	0.2	-7.4	5	J	
18	411	17.9	31	J	7.8	-13	56	3.5	4.6	-2.9	5	J	
19	414	26.7	41	J	4.4	-21	48	2.2	2.1	-1.8	3	J	
20	419	33.5	31	J	6.5	8	244	-1.9	-3.7	1.4	5	J	
21	416	15.7	54	J	9.1	39	249	-2.2	-4.9	5.9	4	J	
22	403	13.6	43	J	9.7	-46	173	-5.9	-0.2	-6.2	5	J	
23	430	29.5	37	J	7.0	-50	228	-2.1	-2.8	-3.3	5	J	
24	424	32.9	51	J	6.3	52	269	0.0	-1.3	2.3	6	J	
					OCT. 27, 1993 (300)								
1	418	22.9	38	J	7.5	14	110	-2.2	6.3	0.6	3	J	
2	416	18.6	42	J	7.4	-37	138	-3.0	2.1	-3.5	5	J	
3	421	13.0	64	J	8.9	-47	166	-5.6	-0.1	-6.3	3	J	
4	426	13.2	69	J	10.3	-40	166	-7.1	-0.1	-6.4	4	J	
5	410	15.1	153	J	11.1	-27	167	-9.4	0.4	-5.3	2	J	
6	413	12.2	83	J	11.9	-22	150	-9.3	3.2	-6.1	2	J	
7	413	13.8	66	J	12.3	-27	140	-7.8	3.6	-7.5	5	J	
8	431	13.8	38	J	12.2	-17	114	-4.7	7.5	-8.1	2	J	
9	420	15.9	54	J	12.4	0	126	-7.2	8.5	-5.0	2	J	
10	436	21.5	90	J	11.1	18	123	-5.6	9.2	-1.6	2	J	
11	444	21.9	110	J	10.0	17	126	-5.5	8.0	-1.5	2	J	
12	455	22.3	173	J	12.4	3	130	-7.6	8.1	-4.1	4	J	
13	459	24.7	141	J	12.1	49	147	-5.1	6.3	4.4	8	J	
14	477	19.2	175	J	14.7	15	130	-6.6	8.2	-1.2	10	J	
15	526	15.1	260	J	12.9	2	134	-6.4	6.1	-2.5	9	J	
16	577	12.4	347	J	9.8	-35	123	-2.8	2.6	-4.9	8	J	
17	586	10.3	314	J	10.2	-26	125	-3.9	4.2	-5.0	7	J	
18	591	8.3	216	J	9.3	-19	147	-6.5	3.3	-3.7	4	J	
19	631	6.3	214	J	6.8	14	191	-6.3	-0.8	1.8	2	J	
20	621	4.1	115	J	6.0	-7	170	-5.4	0.8	-0.8	2	J	
21	588	4.0	111	J	5.1	-32	144	-3.0	1.7	-2.6	3	J	
22	579	5.5	125	J	4.4	-28	131	-1.9	2.0	-1.8	3	J	
23	596	6.3	136	J	4.7	-17	55	1.4	1.9	-1.0	4	J	
24	574	7.9	91	J	5.0	-13	40	3.1	2.5	-1.3	3	J	
					OCT. 28, 1993 (301)								
1					7.2	-14	89	0.1	4.0	-1.7	6	J	
2													
3					5.4	16	231	-1.3	-1.5	1.0	5	J	
4	624	10.1	113	J	5.5	7	192	-5.1	-0.9	0.9	1	J	
5	626	9.3	48	J	3.7	8	190	-3.4	-0.4	0.7	2	J	
6					2.3	37	305	1.0	-0.8	1.8	1	J	
7													
8	572	14.0	42	J	3.1	49	70	0.1	0.4	0.1	3	J	
9	562	14.4	47	J	2.8	25	99	-0.2	1.7	-0.1	2	J	
10	555	15.8	35	J	3.2	17	287	0.7	-1.6	1.9	2	J	
11	534	12.4	55	J	3.6	-67	96	-0.1	-0.3	-1.8	3	J	
12	543	12.5	37	J	5.8	0	126	-2.9	3.4	-2.0	4	J	
13	537	13.3	40	J	3.8	33	299	0.3	-0.3	0.6	4	J	
14	551	9.4	77	J	5.2	16	131	-1.8	2.2	-0.2	5	J	
15					6.1	19	139	-4.1	4.1	0.2	2	J	
16					5.7	7	135	-3.7	3.7	-0.8	2	J	
17					5.6	1	140	-4.1	3.3	-1.0	2	J	
18	514	3.0	75	J	5.5	1	134	-3.6	3.6	-0.9	2	J	
19	526	2.9	77	J	4.9	-13	123	-2.4	3.4	-1.9	2	J	
20													
21					6.6	3	328	5.5	-3.3	0.9	1	J	
22	518	4.4	52	J	6.7	-39	346	4.8	-1.7	-3.8	2	J	
23	530	5.2	36	J	6.4	-50	31	3.1	1.3	-4.5	3	J	
24	510	5.2	48	J	6.1	-37	342	4.5	-1.9	-3.3	2	J	
					OCT. 29, 1993 (302)								
1	506	5.1	30	J	5.8	-4	312	3.3	-3.6	0.2	3	J	
2													
3													
4													
5													
6													
7	502	4.5	75	J	4.6	-11	174	-3.2	0.0	-0.7	3	J	
8	488	4.7	33	J	5.2	-16	337	4.3	-2.3	-0.3	2	J	
9	503	6.5	63	J	4.3	-6	333	3.6	-1.8	0.5	1	J	
10					4.0	-17	331	3.3	-2.2	-0.1	0	J	
11	427	15.8	261	J	3.5	-20	331	2.9	-2.0	-0.2	1	J	
12	471	6.9	24	J	5.0	-31	331	3.6	-3.0	-1.1	2	J	
13	474	7.4	28	J	5.8	-46	358	4.0	-2.1	-3.5	1	J	
14	467	8.6	23	J	5.8	-42	358	4.2	-1.9	-3.3	1	J	
15	448	19.6	470	J	6.1	-36	346	4.7	-2.5	-2.7	1	J	
16	456	9.6	27	J	6.0	-31	330	4.3	-3.4	-1.9	2	J	
17	454	9.6	33	J	6.0	-11	306	3.4	-4.8	0.4	1	J	
18	452	8.3	36	J	6.6	-3	303	3.5	-5.3	1.1	2	J	
19	465	7.1	69	J	6.1	13	295	2.3	-4.6	2.4	2	J	
20	472	7.6	82	J	5.5	1	299	2.0	-3.6	0.8	4	J	
21	468	7.5	80	J	5.4	-4	305	2.6	-3.8	0.3	3	J	
22	479	7.8	79	J	4.8	-45	307	1.7	-2.5	-2.4	3	J	
23	477	8.1	75	J	5.1	-33	297	1.6	-3.5	-1.9	3	J	
24	471	8.2	102	J	3.5	-8	318	2.2	-2.0	-0.2	2	J	
					OCT. 30, 1993 (303)								
1	468	7.3	80	J	3.8	8	309	1.6	-1.8	0.6	3	J	
2	470	7.0	77	J	3.9	39	291	1.0	-2.2	2.8	1	J	
3													
4													
5													
6													
7													
8													
9													
10													
11													
12					5.2	20	352	4.8	0.3	1.9	0	J	
13					4.7	4	344	4.5	-1.0	0.9	1	J	
14					4.3	2	357	4.2	-0.1	0.2	1	J	
15	411	5.8	71	J	4.4	16	11	4.1	1.2	0.8	1	J	
16	422	5.2	73	J	4.4	28	17	3.5	1.7	1.4	2	J	
17					4.8	30	5	4.1	1.1	2.1	1	J	
18													
19													
20													
21													
22													
23													
24													

93-10-31 - 93-11-11

OCT. 31, 1993 (304)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2	364	9.6	13	J	4.7	21	134	-2.7	3.0	1.0	2	J	
3	389	9.6	12	J	4.5	71	262	-0.2	-0.4	4.0	2	J	
4	391	9.5	12	J	4.4	71	198	-1.2	0.6	3.7	2	J	
5	386	9.8	11	J	4.1	57	129	-1.3	2.6	2.6	1	J	
6	367	9.4	16	J	4.2	50	41	1.6	2.3	1.9	3	J	
7	363	9.9	18	J	3.9	-47	343	1.8	-1.3	-1.6	3	J	
8	364	8.1	14	J	4.2	-51	9	2.1	-0.9	-2.4	3	J	
9	365	7.6	18	J	6.2	-11	32	4.8	2.1	-2.4	2	J	
10					6.4	-44	44	3.3	0.5	-5.4	1	J	
11													
12													
13													
14													
15													
16													
17	364	7.6	17	J	6.3	-39	12	4.6	-0.3	-4.0	2	J	
18	360	7.4	13	J	6.4	-31	13	5.0	0.3	-3.3	2	J	
19	347	15.6	48	J	6.5	-18	43	4.1	3.3	-2.6	3	J	
20	360	9.3	19	J	6.9	-33	9	5.6	0.2	-3.8	1	J	
21	362	11.5	19	J	7.1	-26	345	5.6	-1.9	-2.6	3	J	
22	357	10.2	17	J	6.9	23	346	5.6	-1.1	2.6	3	J	
23													
24													

NOV. 1, 1993 (305)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13	430	20.8	112	J	7.3	-67	286	0.5	-3.4	-2.9	6	J	
14	471	9.2	184	J	8.2	48	1	4.1	2.1	4.1	6	J	
15	498	7.2	266	J	6.4	-13	300	1.9	-3.5	0.5	5	J	
16	525	4.3	158	J	5.8	-13	358	4.9	-0.6	-1.0	3	J	
17	538	4.3	166	J	5.2	-26	321	3.0	-2.9	-1.0	3	J	
18					6.1	16	356	5.8	0.0	1.7	1	J	
19	501	7.0	200	J	8.6	6	324	6.8	-4.6	1.9	5	J	
20	508	5.4	120	J	6.5	-4	310	3.6	-4.3	0.4	3	J	
21													
22	454	7.6	121	J	5.9	10	309	3.6	-4.3	1.5	1	J	
23	456	7.4	75	J	5.9	10	312	3.5	-3.8	1.3	2	J	
24					7.8	-20	323	5.6	-4.5	-2.1	5	J	

NOV. 3, 1993 (307)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7	278	6.6	78	J									
8	276	7.6	63	J									
9	288	8.9	50	J									
10	295	13.0	70	J									
11	299	17.7	104	J									
12	299	23.3	125	J									
13													
14													
15													
16	315	34.8	199	J									
17	311	35.5	209	J									
18	265	17.1	78	J									
19	341	35.3	114	J									
20	315	26.4	237	J									
21	331	16.7	173	J									
22	311	20.1	197	J									
23	365	25.4	464	J									
24													

NOV. 7, 1993 (311)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18					5.3	36	108	-1.1	3.9	1.7	3	J	
19													
20													
21													
22													
23													
24													

NOV. 8, 1993 (312)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4	609	3.4	90	J	5.1	7	128	-2.7	3.5	-0.3	3	J	
5	602	3.0	71	J	5.0	-1	144	-3.5	2.4	-0.8	2	J	
6	587	3.4	103	J	5.1	10	174	-4.4	0.7	0.6	2	J	
7	579	3.6	126	J	5.2	2	167	-4.4	1.0	-0.3	3	J	
8	613	3.0	77	J	5.3	73	111	-0.5	3.2	3.6	2	J	
9	606	3.1	80	J	5.7	44	116	-1.7	4.7	1.7	2	J	
10	589	3.5	111	J	5.4	38	135	-2.5	3.4	1.2	3	J	
11	593	3.5	135	J	5.1	23	139	-2.6	2.7	0.2	4	J	
12	582	3.8	153	J	5.0	30	156	-2.9	2.0	1.0	3	J	
13	560	4.2	167	J	4.8	0	171	-3.9	0.5	-0.3	3	J	
14	557	3.8	107	J	5.2	-13	141	-3.6	2.2	-2.2	2	J	
15	553	3.3	60	J	5.0	-7	152	-4.0	1.8	-1.3	2	J	
16	562	3.1	55	J	5.0	0	132	-2.7	2.9	-1.0	3	J	
17	543	3.3	76	J	5.1	-22	162	-3.8	0.7	-1.9	3	J	
18	551	3.3	75	J	5.2	-18	128	-2.7	3.0	-2.2	2	J	
19	570	3.3	52	J	5.3	-25	101	-0.8	3.7	-2.6	2	J	
20	565	3.4	67	J	4.9	20	96	-0.4	4.1	0.9	3	J	
21	549	3.4	63	J	5.0	15	143	-2.9	2.3	0.7	3	J	
22	552	3.6	76	J	4.4	-53	143	-1.7	1.0	-2.9	3	J	
23	555	3.6	72	J	4.3	-69	159	-1.1	0.2	-3.0	3	J	
24	542	4.3	93	J	4.9	-6	112	-1.6	3.9	-0.8	2	J	

NOV. 9, 1993 (313)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7					4.1	15	183	-3.8	0.2	1.0	1	J	
8	523	5.3	143	J	3.5	-8	144	-2.3	1.4	-1.1	2	J	
9	514	5.5	141	J	3.9	7	157	-2.9	1.3	-0.2	2	J	
10	512	5.0	98	J	4.1	25	175	-3.0	0.9	1.1	2	J	
11	513	4.9	78	J	3.9	10	150	-2.5	1.5	-0.2	3	J	
12	510	4.8	56	J	4.0	-12	176	-3.3	-0.1	-0.7	2	J	
13	513	5.1	60	J	4.1	23	173	-3.1	0.9	1.0	2	J	
14	505	4.8	41	J	4.0	48	164	-2.4	1.7	2.2	1	J	
15	514	4.9	49	J	3.9	49	150	-2.0	2.0	2.0	2	J	
16	512	5.3	48	J	3.4	16	168	-2.7	0.8	0.6	2	J	
17					3.7	12	166	-3.3	1.0	0.5	1	J	
18	491	4.8	62	J	3.7	17	152	-2.9	1.7	0.6	1	J	
19	488	4.8	65	J	3.8	-3	149	-2.9	1.7	-0.5	2	J	
20	489	4.6	63	J	3.8	-11	124	-1.5	2.1	-0.8	3	J	
21	501	5.1	32	J	3.6	-8	87	0.2	3.0	-0.7	2	J	
22	490	4.8	35	J	3.3	-14	39	1.4	1.1	-0.5	3	J	
23	509	5.1	35	J	4.2	-10	43	2.9	2.6	-0.9	1	J	
24	490	5.3	49	J	4.2	-19	84	0.3	2.6	-1.1	3	J	

NOV. 10, 1993 (314)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	472	5.2	39	J	4.2	-8	103	-0.7	3.0	-0.7	3	J	
2													
3													
4													
5													
6													
7					4.6	-3	68	1.7	3.8	-1.9	1	J	
8	456	6.9	38	J	4.7	-22	99	-0.6	2.5	-2.8	3	J	
9	456	5.9	40	J	4.4	4	103	-0.8	3.2	-1.4	3	J	
10	456	5.9	35	J	3.9	39	138	-1.6	2.1	0.9	3	J	
11	454	6.3	51	J	3.4	-37	185	-2.0	-0.9	-1.2	3	J	
12	450	6.2	52	J	3.8	-46	162	-2.0	-0.4	-2.2	2	J	
13	445	6.3	55	J	3.9	-18	123	-1.8	2.0	-2.1	2	J	
14	441	6.0	56	J	4.5	-11	124	-2.1	2.6	-2.0	2	J	
15	407	6.2	116	J	4.9	23	173	-4.1	1.1	1.5	2	J	
16	427	5.2	44	J	4.7	31	122	-1.8	3.4	1.0	3	J	
17	438	4.8	19	J	5.3	-4	93	-0.3	4.7	-1.7	2	J	
18	451	4.4	18	J	4.9	-28	69	1.5	3.4	-3.1	1	J	
19	439	4.1	16	J	4.3	-9	75	1.0	3.7	-1.3	1	J	
20	417	4.3	29	J	3.9	11	116	-1.5	3.2	0.3	2	J	
21	411	4.5	30	J	3.6	9	116	-1.4	2.9	0.2	2	J	
22	408	4.9	38	J	3.6	-4	136	-2.4	2.3	-0.4	1	J	
23	403	4.5	24	J	4.4	-12	154	-3.8	1.8	-1.0	1	J	
24	400	4.2	27	J	4.4	22	189	-3.8	-0.5	1.6	2	J	

NOV. 11, 1993 (315)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	400	4.2	22	J	4.7	22	200	-4.1	-1.3	1.9	0	J	
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22	405	5.9	23	J	3.4	27	151	-2.4	1.4	1.3	1	J	
23													
24													

NOV. 12, 1993 (316)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6	396	5.8	20	J	3.5	13	45	2.3	2.5	0.0	1	J	
7	394	5.4	16	J	3.1	12	61	1.3	2.4	-0.3	2	J	
8	376	4.8	23	J	2.5	-19	153	-0.9	0.3	-0.5	2	J	
9	367	4.7	20	J	3.0	-23	207	-2.5	-1.6	-0.5	1	J	
10	364	5.1	17	J	3.2	-37	183	-2.6	-1.0	-1.7	1	J	
11	360	5.3	19	J	3.3	-29	175	-2.8	-0.5	-1.5	1	J	
12	350	5.5	24	J	3.3	1	174	-3.3	0.3	-0.1	1	J	
13					3.2	6	181	-3.0	0.1	0.3	1	J	
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													

NOV. 14, 1993 (318)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17					22.2	-1	129	-13.8	16.5	-4.6	4	J	
18	418	13.7	34	J	9.6	-9	127	-5.3	6.7	-2.8	3	J	
19	419	14.6	34	J	9.2	-10	110	-2.9	7.6	-2.6	4	J	
20	421	16.1	35	J	9.3	17	91	-0.1	8.4	1.6	4	J	
21	417	21.9	38	J	5.5	-29	117	-1.8	3.4	-2.5	4	J	
22	408	23.9	31	J	5.7	31	129	-2.3	3.0	2.1	4	J	
23	402	29.7	32	J	4.9	52	61	0.5	1.0	1.3	5	J	
24	406	21.0	21	J	8.4	-46	225	-3.9	-4.2	-5.6	3	J	

NOV. 15, 1993 (319)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1					9.2	-41	331	5.8	-3.6	-5.6	2	J	
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													

NOV. 20, 1993 (324)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7					4.9	-1	13	3.9	0.8	-0.4	3	J	
8					4.8	5	329	3.2	-1.6	1.0	3	J	
9					5.6	28	292	1.5	-2.5	3.4	3	J	
10					5.3	6	341	3.6	-1.0	0.9	4	J	
11					4.9	9	348	4.0	-0.5	0.9	3	J	
12					5.4	8	322	3.7	-2.4	1.8	2	J	
13					6.3	26	327	4.4	-1.6	3.4	2	J	
14					6.2	15	338	5.1	-1.4	2.1	2	J	
15					6.1	16	327	4.2	-2.1	2.2	3	J	
16					6.6	-12	324	4.7	-3.6	-0.3	3	J	
17					6.1	20	353	5.2	-0.2	2.0	2	J	
18					6.9	8	327	5.3	-3.3	1.4	2	J	
19													
20													
21													
22													
23													
24					5.5	20	340	4.5	-1.6	1.8	2	J	

NOV. 21, 1993 (325)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1					6.2	9	354	5.1	-0.5	0.8	4	J	
2					5.9	-10	339	5.1	-2.0	-0.8	2	J	
3					5.3	1	351	4.4	-0.7	0.2	3	J	
4					5.3	17	310	2.6	-2.9	1.7	3	J	
5					5.2	-14	338	4.2	-1.9	-0.7	2	J	
6					4.8	-33	4	3.3	-0.4	-2.2	3	J	
7					4.9	-5	261	-0.7	-4.1	1.0	2	J	
8					4.9	34	309	2.3	-1.7	3.3	2	J	
9					4.5	-30	305	1.3	-2.3	-0.5	4	J	
10					4.5	39	280	0.4	-1.4	2.8	3	J	
11					4.2	20	305	1.6	-1.7	1.9	3	J	
12					4.2	-5	296	1.4	-2.7	0.9	3	J	
13					5.0	4	310	2.8	-3.0	1.6	2	J	
14					4.3	0	344	3.8	-1.0	0.4	2	J	
15					4.1	7	5	4.0	0.5	0.4	1	J	
16					4.8	13	356	4.5	0.0	1.1	1	J	
17					4.6	5	1	4.5	0.2	0.4	1	J	
18					4.2	1	346	3.8	-0.9	0.2	1	J	
19													
20													
21													
22	449	4.6	33	J	5.9	-11	5	5.7	0.5	-1.1	1	J	
23	448	4.4	100	J	5.6	-23	350	4.9	-0.9	-2.1	1	J	
24	455	6.2	23	J	5.3	-3	267	-0.3	-4.8	-0.2	2	J	

NOV. 22, 1993 (326)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	451	7.0	32	J	5.3	-64	47	1.3	1.4	-4.1	3	J	
2	443	8.2	53	J	4.4	-11	57	2.1	3.2	-0.9	2	J	
3	417	7.4	49	J	5.3	10	19	4.4	1.6	0.7	3	J	
4	402	7.9	45	J	5.7	9	15	5.4	1.6	0.7	1	J	
5	342	18.7	491	J	6.4	0	3	6.4	0.3	-0.1	1	J	
6	398	11.5	166	J	7.3	13	348	6.8	-1.0	1.9	2	J	
7	418	9.9	134	J	7.8	23	346	6.0	-0.6	3.0	4	J	
8	457	8.7	37	J	7.2	11	288	1.9	-4.9	3.1	4	J	
9	450	5.7	90	J	7.3	19	7	6.7	1.7	1.8	2	J	
10	446	7.0	78	J	6.1	14	6	5.7	1.1	1.1	2	J	
11	445	7.2	92	J	6.2	5	13	5.9	1.5	-0.1	1	J	
12	459	6.4	82	J	7.1	22	24	6.0	3.5	1.4	1	J	
13	455	6.9	78	J	6.6	20	359	6.0	0.7	2.1	2	J	
14	442	7.2	78	J	5.7	5	334	5.0	-2.1	1.3	1	J	
15	434	6.3	81	J	6.2	9	352	6.0	-0.5	1.2	1	J	
16	443	7.9	107	J	3.3	15	288	0.6	-1.6	1.0	3	J	
17	443	7.9	78	J	5.1	-7	224	-3.6	-3.5	0.1	1	J	
18					6.4	-9	223	-4.6	-4.4	-0.4	1	J	
19	434	9.5	78	J	6.7	-1	240	-2.3	-4.0	0.3	5	J	
20	458	7.7	94	J	8.9	22	339	7.4	-2.7	3.4	3	J	
21	472	8.8	98	J	7.8	-10	258	-1.5	-7.1	-1.1	3	J	
22	469	8.1	71	J	8.1	15	280	1.3	-7.2	2.0	3	J	
23	456	8.9	86	J	6.8	11	305	3.5	-5.1	1.2	3	J	
24	464	8.6	110	J	7.0	22	352	6.2	-0.9	2.5	2	J	

NOV. 23, 1993 (327)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13	434	6.6	166	J	4.7	7	360	4.4	0.2	0.5	2	J	
14	454	7.1	67	J	3.9	-2	315	1.9	-1.8	0.5	3	J	
15	433	8.8	26	J	4.7	11	216	-3.6	-2.2	1.6	2	J	
16	433	8.9	36	J	4.9	16	249	-1.2	-2.9	1.8	3	J	
17	459	5.9	93	J	5.5	9	2	5.1	0.3	0.8	2	J	
18													
19													
20													
21													
22					6.3	5	215	-4.0	-2.8	0.4	4	J	
23													
24													

NOV. 24, 1993 (328)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15	420	7.2	35	J	5.9	-6	274	0.4	-5.7	1.1	1	J	
16	413	6.9	40	J	5.8	-1	276	0.6	-5.2	1.2	2	J	
17	408	7.9	36	J	5.6	4	282	1.1	-4.9	1.3	2	J	
18	400	8.3	53	J	5.5	-7	298	1.7	-3.3	0.0	4	J	
19	430	8.9	101	J	4.3	4	322	2.8	-2.2	0.4	2	J	
20	439	9.1	83	J	4.6	-9	288	1.4	-4.3	-0.5	1	J	
21	436	7.7	63	J	6.6	5	327	5.4	-3.5	0.6	1	J	
22	426	9.3	156	J	6.6	-2	331	5.7	-3.1	-0.3	1	J	
23	440	10.7	116	J	6.2	3	324	5.0	-3.6	0.2	1	J	
24													

93-11-25 - 93-12-06

NOV. 25, 1993 (329)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	383	23.4	19	J	5.5	36	13	3.9	1.7	2.5	3	J
16	382	21.9	25	J	6.4	-36	273	0.3	-5.8	-2.4	2	J
17	385	25.2	23	J	6.8	8	312	3.9	-4.1	1.6	3	J
18	411	17.0	35	J	11.5	9	314	7.7	-7.7	2.8	3	J
19	411	20.8	50	J	12.0	-3	304	6.5	-9.6	0.2	3	J
20					12.7	27	7	11.1	1.6	5.6	2	J
21	401	25.3	69	J	11.1	31	13	9.0	2.1	5.6	3	J
22	403	22.4	77	J	8.2	-2	282	1.1	-5.0	-0.3	7	J
23	413	20.0	74	J	8.8	-21	236	-2.5	-3.6	-1.8	8	J
24	405	13.3	79	J	8.8	-14	252	-0.8	-2.6	-0.7	8	J

NOV. 26, 1993 (330)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	424	11.3	120	J	10.4	34	33	7.1	4.6	5.7	2	J
2												
3												
4												
5												
6					6.9	-8	300	2.8	-4.9	0.4	4	J
7					8.5	24	330	6.6	-2.6	4.3	2	J
8					8.4	16	345	6.4	-1.0	2.4	5	J
9					6.7	-9	299	2.3	-4.2	0.8	5	J
10												
11												
12												
13												
14												
15												
16					6.3	22	341	5.4	-1.3	2.7	1	J
17	510	7.0	51	J	5.2	-68	110	-0.6	0.9	-4.9	1	J
18					5.5	-50	35	2.5	1.3	-3.8	3	J
19												
20	509	6.7	43	J	4.8	9	301	2.1	-3.5	0.8	2	J
21	506	6.2	63	J	4.3	-6	296	1.3	-2.7	-0.3	3	J
22	513	6.4	57	J	3.0	-30	341	1.3	-0.4	-0.8	3	J
23	503	6.9	59	J	4.3	7	56	1.5	2.2	0.4	3	J
24	495	6.1	68	J	4.4	-14	34	2.5	1.7	-0.7	3	J

NOV. 27, 1993 (331)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	502	6.6	77	J	4.7	-44	42	2.2	2.1	-2.9	2	J
2	487	7.0	75	J	4.8	28	41	2.3	2.0	1.6	3	J
3	484	7.2	78	J	4.3	-1	347	3.5	-0.8	0.0	2	J
4	477	6.5	82	J	4.7	12	19	3.8	1.4	0.7	2	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	422	5.9	42	J	4.3	-26	328	3.2	-2.4	-1.2	1	J
16	415	5.7	42	J	4.5	-16	332	3.8	-2.3	-0.8	0	J
17	414	6.2	38	J	4.7	-10	329	3.9	-2.4	-0.4	1	J
18	406	7.6	24	J	4.5	-12	323	3.3	-2.6	-0.6	2	J
19	393	6.8	29	J	5.0	12	330	4.2	-2.3	1.2	1	J
20	398	7.6	28	J	5.1	4	320	3.7	-3.1	0.4	2	J
21												
22												
23												
24												

DEC. 2, 1993 (336)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3	603	10.1	276	J								
4	610	9.1	303	J								
5	623	8.1	238	J								
6	617	6.7	189	J								
7	636	6.2	268	J								
8	675	6.4	282	J	6.8	5	190	-4.1	-0.6	0.6	5	J
9	665	5.6	202	J	6.4	14	178	-5.2	0.6	1.2	3	J
10	660	4.9	142	J	6.6	-4	157	-5.1	1.9	-1.1	3	J
11					7.0	-26	149	-4.2	1.5	-3.1	4	J
12					7.1	-28	156	-4.7	1.1	-3.3	4	J
13					7.6	8	168	-4.8	1.2	0.3	6	J
14												
15												
16												
17												
18					8.7	-27	183	-5.5	-0.5	-2.8	6	J
19	767	5.7	375	J	10.1	-40	106	-1.8	6.0	-5.6	6	J
20	773	5.8	243	J	10.3	-57	126	-2.7	3.8	-7.0	6	J
21	760	6.7	215	J	10.4	-59	138	-3.6	3.6	-7.9	4	J
22												
23												
24	743	4.7	154	J	10.1	-56	135	-3.8	4.4	-7.6	3	J

DEC. 3, 1993 (337)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	718	3.7	146	J	10.0	-54	152	-5.0	3.1	-7.7	3	J
2	682	3.7	78	J	9.9	-34	169	-7.5	1.6	-5.1	4	J
3	662	4.1	81	J	9.8	-24	181	-8.8	-0.2	-3.9	2	J
4	645	4.1	72	J	10.2	-12	174	-9.5	0.9	-2.1	3	J
5	648	4.3	119	J	10.6	-31	159	-8.1	2.4	-5.6	3	J
6	632	4.4	124	J	10.1	-19	166	-9.1	1.6	-3.6	2	J
7	641	4.6	181	J	10.4	-27	141	-7.0	4.4	-5.8	2	J
8	639	4.0	112	J	10.6	-26	140	-7.2	4.4	-6.1	1	J
9	624	3.6	94	J	10.4	-12	136	-7.1	5.8	-4.2	2	J
10	613	3.4	106	J	11.2	-5	131	-7.1	7.3	-3.6	2	J
11	606	2.8	99	J	11.3	3	126	-6.5	8.6	-2.5	2	J
12	602	2.7	64	J	10.6	5	141	-7.7	6.1	-1.2	3	J
13	579	2.7	54	J	10.8	9	152	-9.1	5.1	0.1	2	J
14	588	2.8	82	J	11.5	7	152	-9.6	5.3	-0.1	3	J
15	595	3.3	116	J	11.6	19	149	-9.1	6.1	2.3	3	J
16	579	3.1	92	J	11.3	2	148	-9.1	5.6	-0.7	3	J
17	552	3.2	36	J	11.3	13	152	-9.3	5.2	1.8	3	J
18					11.6	23	135	-7.4	7.7	3.9	2	J
19	569	4.4	85	J	11.7	11	128	-6.8	8.7	1.9	3	J
20	582	4.3	49	J	12.3	-9	111	-4.3	11.3	-1.7	1	J
21	583	3.4	101	J	12.3	2	116	-5.3	10.7	1.0	3	J
22	577	3.2	93	J	12.5	16	125	-6.6	9.1	4.0	4	J
23	577	3.1	93	J	12.3	32	131	-6.6	7.0	7.0	3	J
24					12.2	29	132	-7.0	7.3	6.5	2	J

DEC. 4, 1993 (338)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					11.0	40	149	-7.0	3.7	7.1	3	J
2					10.0	31	161	-7.7	2.5	5.0	3	J
3												
4	608	2.9	316	J	7.1	52	129	-2.6	3.6	5.1	2	J
5	600	2.7	282	J	7.5	59	134	-2.6	3.5	5.9	2	J
6	581	1.8	192	J	7.7	57	137	-3.0	3.9	5.7	2	J
7	592	1.6	268	J	7.7	63	139	-2.6	3.8	6.0	1	J
8	558	3.8	113	J	7.9	62	128	-2.2	4.7	5.7	2	J
9	553	5.5	216	J	5.1	50	166	-2.6	1.6	2.8	3	J
10	533	5.6	248	J	5.2	17	171	-4.3	1.1	1.0	3	J
11	531	5.6	232	J	4.8	32	156	-3.3	2.2	1.7	2	J
12	520	5.2	175	J	5.4	27	65	1.6	3.8	0.7	3	J
13	527	4.8	202	J	5.4	42	142	-2.7	2.9	2.3	3	J
14	550	4.7	154	J	5.9	89	154	-0.1	1.4	5.1	2	J
15	533	4.9	190	J	5.5	68	143	-1.2	1.7	3.3	4	J
16	537	4.0	151	J	6.5	55	104	-0.8	3.9	4.0	3	J
17	507	3.9	96	J	7.0	36	139	-4.2	4.1	3.6	1	J
18												
19												
20												
21												
22												
23												
24												

DEC. 5, 1993 (339)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12					3.7	-62	22	1.5	-0.4	-3.0	1	J
13					4.8	-46	163	-2.5	-0.1	-2.8	3	J
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

DEC. 6, 1993 (340)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2					4.4	1	160	-3.7	1.3	0.1	2	J
3					4.3	17	144	-3.2	2.3	1.2	2	J
4					4.4	18	164	-3.7	1.1	1.2	2	J
5					4.4	6	165	-4.1	1.1	0.3	1	J
6												
7												
8												
9												
10												
11												
12												
13												
14	501	4.1	52	J	4.2	-3	181	-3.5	-0.1	-0.2	2	J
15	503	3.9	49	J	4.0	7	200	-3.5	-1.1	0.7	2	J
16	511	3.9	45	J	4.3	57	111	-0.7	2.2	2.6	3	J
17	506	4.2	43	J	4.4	12	119	-1.7	3.1	0.4	3	J
18	480	4.0	94	J	4.3	11	175	-3.7	0.4	0.7	2	J
19	492	4.1	64	J	4.6	25	171	-3.8	0.6	1.8	2	J
20												
21												
22												
23												
24												

DEC. 7, 1993 (341)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					3.9	-8	155	-3.2	1.5	-0.4	2	J
2	450	4.6	106	J	4.5	7	156	-4.0	1.7	0.6	2	J
3												
4					4.5	-25	162	-2.4	0.7	-1.2	4	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14					9.1	-44	100	-0.8	3.4	-5.5	6	J
15	505	12.2	119	J	10.2	-23	91	-0.1	7.6	-5.2	4	J
16	501	12.4	101	J	9.8	4	99	-1.3	8.3	-0.7	5	J
17	496	12.5	145	J	9.1	30	122	-3.8	6.4	3.5	4	J
18	475	12.5	162	J	9.1	6	128	-4.9	6.3	0.5	4	J
19	463	12.2	150	J	10.3	-23	142	-7.0	5.4	-3.7	4	J
20	457	13.2	147	J	9.4	-28	156	-7.3	3.5	-4.1	2	J
21	466	12.2	96	J	8.9	-37	193	-6.4	-1.1	-5.0	4	J
22	474	11.1	99	J	8.5	18	121	-3.4	5.4	2.7	5	J
23	482	11.8	54	J	10.0	-26	277	0.8	-6.1	-3.9	7	J
24	493	7.9	48	J	10.6	-39	108	-2.5	8.4	-5.6	2	J

DEC. 8, 1993 (342)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					8.9	-74	255	-0.6	-1.5	-8.7	1	J
2					10.4	-82	174	-1.4	0.8	-9.9	3	J
3	464	16.0	168	J	10.7	-66	132	-2.9	3.4	-9.5	2	J
4	494	6.4	21	J	10.5	-71	182	-3.4	-0.4	-9.8	2	J
5	492	9.9	24	J	10.4	-63	190	-4.6	-1.7	-9.1	1	J
6	491	8.5	17	J	10.0	-61	193	-4.7	-2.4	-8.4	2	J
7	495	9.6	26	J	10.0	-64	201	-4.1	-3.4	-8.5	1	J
8	486	4.4	11	J	9.9	-59	178	-5.0	-2.0	-8.2	1	J
9												
10												
11												
12												
13												
14												
15	491	3.6	37	J	10.4	-45	134	-5.1	3.7	-8.2	1	J
16	461	4.8	93	J	10.1	-27	144	-6.9	4.3	-5.0	3	J
17	475	5.1	58	J	10.2	-29	141	-6.8	5.0	-5.3	2	J
18	457	5.7	58	J	10.2	-24	138	-6.9	6.0	-4.4	2	J
19	454	5.7	77	J	10.0	6	151	-8.6	4.8	1.1	2	J
20	446	5.9	98	J	9.8	8	149	-8.1	4.8	1.6	2	J
21	438	6.0	99	J	9.5	13	153	-8.2	4.0	2.5	1	J
22	443	5.6	62	J	9.3	7	148	-7.5	4.5	1.6	2	J
23	449	3.9	18	J	9.3	11	156	-8.1	3.4	2.2	2	J
24	445	3.6	16	J	9.0	6	155	-8.1	3.6	1.4	1	J

DEC. 9, 1993 (343)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	441	3.0	12	J	9.1	5	156	-8.1	3.5	1.2	2	J
2	439	4.5	23	J	9.0	23	178	-7.7	0.0	3.3	3	J
3	432	3.8	24	J	8.7	18	160	-7.7	2.7	2.7	1	J
4	435	3.6	18	J								
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	398	3.3	8	J	7.6	30	155	-6.0	3.6	3.1	1	J
15	396	4.6	10	J	7.2	34	157	-5.4	3.0	3.5	1	J
16	390	5.2	12	J	7.1	24	153	-5.7	3.3	2.4	1	J
17	386	5.6	19	J	6.8	25	155	-5.4	2.8	2.6	2	J
18	389	7.9	12	J	6.1	24	136	-3.9	3.8	2.3	2	J
19	388	8.4	11	J	5.8	12	139	-4.3	3.7	1.3	1	J
20	414	16.5	70	J	5.5	28	137	-3.5	3.1	2.7	1	J
21	389	8.6	9	J	6.2	31	124	-2.8	3.9	3.4	2	J
22	396	7.9	18	J	6.5	2	121	-2.9	4.8	0.8	3	J
23	419	7.8	57	J	4.7	55	89	0.0	1.2	2.4	4	J
24	405	7.7	53	J	4.9	-46	152	-2.9	2.0	-3.2	1	J

DEC. 10, 1993 (344)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1					5.0	26	95	-0.3	3.0	1.9	3	J
2					11.9	-40	132	-5.3	6.4	-6.1	7	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

DEC. 15, 1993 (349)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1	293	17.8	16	J								
2	297	16.3	8	J								
3												
4												
5	317	25.2	8	J								
6	313	31.4	10	J								
7	316	30.7	11	J								
8	318	37.1	24	J								
9	318	48.4	12	J								
10												
11	359	23.3	72	J								
12	367	14.6	92	J								
13	376	18.2	99	J								
14	391	17.6	131	J								
15	395	18.8	183	J								
16	387	18.7	161	J								
17	389	17.1	131	J								
18	392	18.2	155	J								
19	377	20.4	126	J								
20	353	22.9	84	J								
21	339	22.8	54	J								
22	340	24.7	32	J								
23												
24												

DEC. 16, 1993 (350)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2	362	39.3	70	J								
3	404	18.4	113	J								
4	465	14.5	220	J								
5	468	14.5	223	J								
6	439	24.4	181	J								
7	472	23.2	274	J								
8	501	16.1	449	J								
9	525	12.9	425	J								
10	552	14.9	509	J								
11	546	15.7	420	J								
12	534	16.5	403	J								
13	587	9.5	283	J								
14	637	6.7	189	J	7.2	-9	15	5.0	1.2	-1.0	5	J
15	646	6.8	189	J	6.9	30	36	3.9	3.2	2.3	4	J
16	658	6.3	175	J	7.4	39	16	4.5	1.6	3.6	4	J
17												
18					7.1	26	5	6.1	0.5	3.0	2	J
19	644	7.1	146	J	7.2	7	316	4.0	-3.9	0.4	4	J
20	661	6.0	180	J	6.4	-8	310	2.9	-3.4	-1.0	4	J
21	662	5.3	250	J	5.9	-6	330	4.1	-2.3	-0.8	4	J
22	681	5.1	234	J	5.7	18	332	3.6	-2.1	1.0	4	J
23	678	5.2	206	J								
24												

DEC. 17, 1993 (351)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19	684	4.3	106	J								
20	707	4.4	136	J	5.9	-46	339	2.9	-0.7	-3.3	4	J
21	675	5.8	389	J	5.9	3	3	5.1	0.2	0.3	3	J
22	687	4.4	63	J	5.9	10	345	4.7	-1.4	0.6	3	J
23	710	4.4	132	J	5.8	55	13	2.6	-0.1	3.9	3	J
24												

DEC. 18, 1993 (352)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	679	4.1	88	J	4.9	-13	8	4.0	0.3	-1.0	3	J
13	682	3.4	91	J	4.1	13	0	3.3	0.2	0.7	2	J
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

DEC. 19, 1993 (353)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13					4.4	11	328	3.6	-2.0	1.2	1	J	
14					4.6	1	318	3.3	-2.9	0.5	1	J	
15	627	5.1	357	J	4.5	9	324	3.1	-2.2	0.9	2	J	
16	652	4.1	163	J	4.8	-1	271	0.1	-4.4	0.2	2	J	
17					4.9	4	312	2.9	-3.3	0.4	2	J	
18					5.2	0	358	4.8	-0.2	0.0	2	J	
19	614	3.6	67	J	5.6	10	350	5.1	-1.0	0.8	2	J	
20	599	3.4	67	J	6.3	5	347	6.1	-1.5	0.4	1	J	
21	593	3.2	135	J	6.1	9	333	5.3	-2.8	0.5	1	J	
22	599	3.2	111	J	6.1	12	326	4.9	-3.5	0.6	1	J	
23													
24													

DEC. 20, 1993 (354)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	589	5.0	119	J	5.6	-21	299	2.4	-3.9	-2.7	2	J	
2	584	5.1	119	J	5.4	-20	293	1.8	-4.0	-2.4	2	J	
3	589	5.7	138	J	5.0	-33	295	1.6	-3.1	-2.8	2	J	
4	584	6.7	146	J	5.8	-28	318	3.1	-2.7	-2.4	3	J	
5	577	7.7	224	J	5.1	-4	311	2.4	-2.7	-0.3	4	J	
6	595	7.7	148	J	5.3	-2	279	0.8	-5.1	0.1	1	J	
7													
8													
9	558	6.8	135	J	6.2	-11	298	2.4	-4.5	-0.1	3	J	
10	557	7.2	106	J	6.4	4	280	1.0	-5.2	1.5	3	J	
11	555	7.6	118	J	6.8	-2	280	1.0	-5.5	1.0	4	J	
12													
13													
14													
15	560	5.2	88	J	7.1	3	293	2.5	-5.7	1.0	4	J	
16	558	5.0	105	J	7.8	-3	297	3.3	-6.5	0.0	3	J	
17	557	6.3	72	J	7.9	4	300	3.8	-6.6	0.6	2	J	
18	564	6.9	161	J	7.0	12	325	5.0	-3.5	1.1	3	J	
19	606	7.6	198	J	5.7	-9	319	2.4	-2.0	-0.7	5	J	
20	608	7.1	228	J	5.7	47	316	1.4	-1.7	1.9	5	J	
21	605	6.7	200	J	7.1	26	328	5.0	-3.6	2.3	3	J	
22	604	6.8	188	J	5.4	-4	347	4.6	-1.0	-0.5	3	J	
23	611	4.7	120	J	5.0	12	16	4.0	0.9	1.1	2	J	
24	626	4.9	137	J	4.9	-29	45	2.6	3.0	-1.4	2	J	

DEC. 21, 1993 (355)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	613	4.2	107	J	6.2	14	2	5.2	-0.1	1.3	3	J	
2	617	4.1	122	J	7.1	26	340	5.2	-2.3	2.3	4	J	
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13	605	4.1	66	J	6.0	8	359	5.8	0.0	0.8	1	J	
14	608	3.7	83	J	5.8	-2	4	5.4	0.3	-0.2	2	J	
15	606	4.1	96	J	5.9	17	349	5.1	-0.8	1.7	2	J	
16	615	5.0	162	J	6.1	1	332	4.3	-2.3	0.2	4	J	
17	635	5.3	192	J	5.4	-32	289	0.9	-2.7	-1.8	4	J	
18	618	5.7	183	J	6.5	1	291	1.4	-3.6	-0.1	5	J	
19	581	6.1	233	J	6.6	21	309	3.6	-4.6	1.7	2	J	
20	594	6.1	180	J	7.4	15	264	-0.6	-6.0	0.7	4	J	
21	594	6.7	182	J	6.3	-7	273	0.2	-4.4	-1.4	4	J	
22	571	6.2	161	J	6.7	1	314	4.0	-4.0	-0.8	4	J	
23	560	6.0	115	J	7.2	18	3	6.2	-0.1	2.0	3	J	
24	550	6.6	120	J	7.1	-7	337	6.0	-2.3	-1.4	3	J	

DEC. 22, 1993 (356)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	561	4.4	75	J	7.6	-4	325	5.4	-3.6	-1.2	4	J	
2	555	4.1	51	J	7.8	20	337	6.6	-3.2	2.1	1	J	
3	540	5.8	87	J	7.0	27	343	5.4	-2.0	2.6	3	J	
4	561	5.5	77	J	6.6	42	327	3.2	-2.4	3.3	4	J	
5	548	4.9	77	J	7.0	5	355	6.7	-0.6	0.6	2	J	
6	561	4.7	108	J	6.5	-10	314	3.8	-4.0	-0.8	3	J	
7	553	4.9	160	J	6.1	11	329	4.4	-2.5	1.3	3	J	
8	549	4.8	122	J	5.8	2	325	4.4	-3.0	0.6	2	J	
9	532	5.3	172	J	6.6	0	354	5.7	-0.6	0.1	3	J	
10	560	5.4	149	J	6.3	-8	314	3.0	-3.1	0.0	5	J	
11	570	7.4	102	J	6.0	19	42	4.0	3.9	1.1	2	J	
12	551	6.6	85	J	6.9	-12	320	5.1	-4.5	-0.6	1	J	
13	539	6.6	72	J	7.5	-9	341	6.6	-2.4	-0.7	2	J	
14	546	6.2	75	J	6.9	20	335	5.4	-2.2	2.5	3	J	
15	546	6.1	69	J	6.8	13	331	5.5	-2.9	1.7	2	J	
16	541	6.0	60	J	7.2	11	332	6.2	-3.2	1.5	2	J	
17	536	6.2	67	J	6.9	12	331	5.9	-3.3	1.4	1	J	
18	530	6.1	77	J	7.3	7	343	6.8	-2.1	0.8	1	J	
19	516	7.9	226	J	7.6	8	352	7.4	-1.1	0.9	1	J	
20	519	5.8	127	J	6.8	6	10	6.3	1.0	0.8	2	J	
21	529	7.7	122	J	7.3	6	289	0.9	-2.7	-0.2	7	J	
22	525	7.6	124	J	5.7	17	318	3.3	-3.2	0.7	4	J	
23	529	6.7	144	J	6.8	15	332	5.5	-3.2	0.9	2	J	
24	521	6.8	171	J	6.3	0	339	5.6	-2.1	-0.5	2	J	

DEC. 23, 1993 (357)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1	510	6.8	81	J	6.2	18	344	5.6	-2.0	1.5	1	J	
2	517	7.2	128	J	5.4	5	323	3.7	-2.8	-0.1	3	J	
3					4.9	5	321	3.6	-3.0	0.0	1	J	
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													

DEC. 27, 1993 (361)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24					4.0	14	299	1.4	-2.6	0.0	3	J	

DEC. 28, 1993 (362)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1					3.9	12	306	1.8	-2.5	0.0	2	J	
2					3.9	-10	326	2.6	-1.6	-0.9	2	J	
3					3.7	-4	315	2.1	-2.0	-0.6	2	J	
4					3.9	-9	299	1.4	-2.5	-0.8	2	J	
5					3.5	-6	290	1.0	-2.6	-0.5	2	J	
6					3.2	-33	301	1.3	-2.1	-1.6	1	J	
7					3.1	-15	270	0.0	-2.3	-0.5	2	J	
8					2.8	-22	291	0.8	-2.1	-0.7	2	J	
9					2.4	-35	293	0.7	-1.7	-1.0	1	J	
10					2.3	44	283	0.3	-1.1	1.4	2	J	
11					2.4	61	224	-0.8	-0.4	2.0	1	J	
12					2.7	40	309	1.2	-1.2	1.7	1	J	
13					3.1	6	324	2.2	-1.5	0.5	1	J	
14					2.9	-27	342	2.2	-0.8	-1.1	1	J	
15					2.9	-33	336	2.1	-1.0	-1.4	1	J	
16													
17													
18					3.9	-10	288	1.1	-3.3	-1.0	2	J	
19					3.3	-13	298	1.3	-2.4	-1.0	1	J	
20					3.8	-6	302	1.7	-2.7	-0.9	2	J	
21					4.6	-7	286	1.1	-3.6	-1.4	2	J	
22					4.1	-18	262	-0.5	-3.3	-2.2	1	J	
23													
24													

DEC. 29, 1993 (363)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC	
1													
2													
3													
4													
5					4.2	-33	51	1.8	2.4	-1.7	2	J	
6					4.7	-31	307	2.1	-2.8	-2.2	2	J	
7					5.1	8	328	4.0	-2.5	0.8	2	J	
8													
9					4.9	34	5	3.8	0.7	2.5	2	J	
10					5.0	32	349	4.1	-0.4	2.7	1	J	
11	336	10.7	12	J	4.8	32	325	3.1	-1.8	2.7	2	J	
12	339	14.3	20	J	5.2	37	344	3.5	-0.6	2.8	3	J	
13	335	12.5	17	J	5.4	39	15	3.9	1.4	3.1	2	J	
14	331	11.3	14	J	5.2	38	7	3.8	0.7	3.0	2	J	
15	335	13.0	17	J	4.9	39	288	1.0	-3.0	2.8	3	J	
16	330	11.3	11	J	5.3	34	286	1.2	-4.1	2.8	1	J	
17	324	11.3	17	J	5.1	43	285	0.9	-3.6	3.1	1	J	
18	321	10.9	17	J	4.9	41	299	1.7	-3.4	2.7	2	J	
19	318	10.5	15	J	4.4	44	275	0.3	-3.4	2.4	1	J	
20	316	10.2	15	J	4.3	37	290	1.1	-3.6	1.8	1	J	
21	312	10.3	22	J	3.8	40	323	2.0	-2.0	1.7	2	J	
22	308	10.9	18	J	3.9	43	302	1.4	-2.8	1.8	1	J	
23													
24													

93-12-30 - 94-01-11

DEC. 30, 1993 (364)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	337	12.6	13	J	5.6	10	105	-1.4	5.3	0.4	1	J
14	333	13.9	16	J	4.9	-9	130	-2.7	3.2	-0.9	2	J
15	327	15.1	17	J	4.3	-27	146	-2.6	1.7	-1.7	3	J
16												
17												
18												
19												
20					8.6	15	127	-5.0	6.0	3.6	1	J
21	306	9.4	17	J	8.4	7	137	-6.0	5.2	2.4	1	J
22					8.2	12	132	-5.3	5.2	3.2	1	J
23												
24												

DEC. 31, 1993 (365)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	I MF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12					14.5	-9	121	-7.3	11.7	-3.8	2	J
13					14.3	2	122	-7.4	11.8	-0.8	4	J
14	407	5.0	165	J	14.2	6	125	-7.9	11.4	0.6	3	J
15	397	5.4	166	J	13.4	-4	130	-8.4	10.0	-1.2	3	J
16	403	5.2	126	J	13.2	-20	128	-7.5	9.6	-4.2	3	J
17	391	5.0	105	J	12.4	-18	132	-7.9	9.0	-3.2	1	J
18	369	7.7	132	J	11.3	-16	128	-6.6	8.8	-2.0	2	J
19	357	8.3	146	J	11.6	-4	125	-6.4	9.1	0.8	3	J
20	354	8.3	99	J								
21												
22												
23												
24												

JAN. 1, 1994 (001)

HR	VEL	DEN	TEMP/ 1000	PLS SC
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18	502	6.6	162	J
19	525	5.2	97	J
20	540	5.4	125	J
21	549	5.3	91	J
22	540	5.6	111	J
23	547	6.1	125	J
24	562	6.7	151	J

JAN. 2, 1994 (002)

HR	VEL	DEN	TEMP/ 1000	PLS SC
1	526	6.8	247	J
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13	609	3.5	116	J
14	598	3.3	96	J
15	591	3.3	164	J
16				
17	574	3.1	82	J
18	545	3.4	144	J
19	546	3.3	74	J
20	540	3.2	61	J
21	532	3.4	69	J
22	528	3.7	92	J
23	524	4.3	113	J
24	521	4.5	100	J

JAN. 3, 1994 (003)

HR	VEL	DEN	TEMP/ 1000	PLS SC
1	520	4.9	77	J
2	512	4.6	52	J
3	507	4.3	43	J
4				
5				
6				
7				
8				
9				
10				
11				
12	507	6.2	57	J
13				
14	504	6.3	57	J
15	502	6.8	58	J
16	498	7.0	73	J
17	488	7.5	93	J
18	481	7.7	116	J
19	496	7.4	70	J
20				
21	488	7.9	78	J
22				
23				
24	471	6.2	93	J

JAN. 4, 1994 (004)

HR	VEL	DEN	TEMP/ 1000	PLS SC
1	470	6.8	108	J
2				
3	477	6.5	79	J
4	467	6.1	55	J
5	460	6.1	61	J
6	466	5.4	81	J
7				
8				
9				
10				
11				
12	442	4.3	81	J
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				

JAN. 10, 1994 (010)

HR	VEL	DEN	TEMP/ 1000	PLS SC
1				
2	329	19.5	8	J
3	303	16.6	12	J
4	294	16.1	17	J
5	306	15.8	10	J
6	316	19.9	15	J
7	321	21.9	24	J
8	314	21.4	21	J
9	305	18.8	9	J
10	301	17.7	8	J
11	309	16.0	9	J
12	308	15.2	20	J
13	309	16.0	25	J
14	313	17.4	31	J
15				
16				
17	300	14.5	6	J
18	320	24.3	28	J
19	323	23.4	16	J
20	302	19.3	8	J
21	305	18.1	7	J
22				
23				
24				